

The  
ROSE SOCIETY  
OF  
ONTARIO



1922



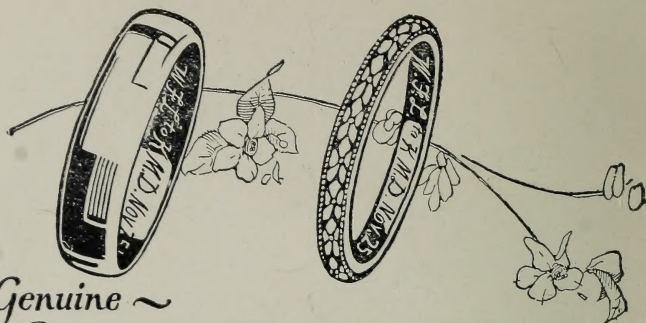


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**Year Book**  
**of**  
**The Rose Society of Ontario**  
**1922**

THE MACOOMB PRESS  
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# The Annual Meeting

THE ANNUAL MEETING OF THE ROSE SOCIETY OF ONTARIO was held at the Gage Institute, 223 College Street, Toronto, Wednesday evening, January 18th, 1922, at eight o'clock.

The meeting was called to order at 8.30, the President Dr. A. H. Rolph, in the chair.

It was moved by Mr. Brush and seconded by Mr. Ivor, that the Minutes of the Last Annual Meeting be taken as read. Carried.

The Chairman of the Finance Committee, Mr. Brush, presented the Financial Statement, which showed the Society to be in a healthy condition. Mr. Brush moved the adoption of this Report, which was seconded by Mrs. Dunnington-Grubb and carried.

The President then addressed the meeting recalling many happy reminiscences, both at home and abroad, and deploring the loss of five valuable members during the past year.

It was moved by Miss Armour and seconded by Miss Harcourt, that the fee remain at One Dollar, but the Life Membership be increased to Fifteen Dollars, and a new class of members be inaugurated, known as Sustaining Members, at a fee of Five Dollars per annum. After much discussion this motion was carried.

Mr. H. J. Moore addressed the meeting and strongly advocated the formation of a Council of Horticulture, the object being to improve the art itself, increase production and encourage grading.

Moved by Mr. H. J. Moore and seconded by Miss M. E. Armour, that we, the members of the Ontario Rose Society, on the occasion of this our Annual Meeting, deeply deploring the untimely death of Mr. W. B. Burgoyne, of St. Catharines, wish to tender our heartfelt sympathy to the surviving members of his family. Be it also resolved, that the said Society realizes that it has lost a member whose influence, integrity and helpfulness were of inestimable value.

Moved by Mr. H. J. Moore and seconded by Mr. P. H. Mitchell, that the Rose Society of Ontario favor the establishment of a Horticultural Research Institute and School of Horticulture, and that a Committee be appointed to meet

committees of other organizations with a view to the consummation of this object. Carried.

Moved by Mr. H. J. Moore and seconded by Mr. P. H. Mitchell, that this meeting of the Rose Society of Outario place itself on record as favoring the establishment of a national organization of horticulturists and persons engaged in allied interests with a view to the formation of a Canadian Council of Horticulture. Carried.

The Executive Committee were then elected, as follows: Mrs. Walter Lyon, Mrs. Stewart Houston, Miss Armour, Miss Beardmore, Mrs. McMichael, Miss Harcourt, Miss Adele Austin, Mrs. Chas. Temple, Miss Yates, Mrs. Dunnington-Grubb, Mr. S. B. Brush, Dr. A. H. Rolph, Mr. C. E. Fice, Mr. P. H. Mitchell, Mr. W. H. Ferguson, Mr. S. Lillie, Mr. J. H. Dunlop, Mr. H. J. Moore, Mr. Walter H. Lyon and Prof. A. H. Tomlinson, of Guelph.

Mrs. McMichael has since resigned and Miss Bessie Waters has been elected in her place.

DR. A. H. ROLPH,  
President.

WALTER H. LYON,  
Hon. Secretary.

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# FINANCIAL REPORT

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## Financial Report

For the Year Ending December 1st, 1921

### RECEIPTS

Members' Subscriptions.....	\$493.04
Donations.....	170.00
Prize Fund.....	164.00
Advertisements, Year Book and Bulletin.....	394.22
Exhibition—	
Entries and Auction.....	\$ 83.80
Admission Tickets.....	413.90
Tea Room.....	111.95
	609.65
Total.....	\$1,830.91

### DISBURSED OR EXPENDITURES

Exhibition—	
Advertising.....	\$133.12
Stationery and Postage.....	76.01
Music.....	30.00
Palms.....	.45
Moss.....	10.08
Children's Department.....	35.43
Tea Room.....	80.31
Sundry.....	15.50
	484.95
Prize Fund.....	184.82
Lectures.....	121.51
Annual Year Book.....	465.15
Bulletin.....	121.39
Expense Account—	
Stationery.....	\$116.95
Postage.....	49.46
Annual Meeting.....	10.77
Sundry.....	43.05
	220.23
Plant.....	96.10
Balance Secretary Salary, 1920.....	50.00
Deficit, December 1st, 1920.....	17.88
	\$1,762.03
Total.....	\$1,762.03
Balance.....	68.88

\$1,830.91

### ASSETS

Donation.....	\$ 50.00
Balance.....	68.88
	\$118.88
Deficit.....	145.03
	\$263.91

### LIABILITIES

Rent of Hall.....	\$193.91
Cup Fund.....	70.00
	\$263.91

S. B. BRUSH, Chairman.

## President's Address

LADIES AND GENTLEMEN:

It has been customary for the President of our Society to make an address to you on the occasion of the Annual Meeting, and although I would much prefer not to inflict one upon you, I think that the Rose Society is too young for us to begin breaking with what few traditions it has yet built up.

Firstly, may I be permitted to indulge in a little reminiscence?

Somewhere about twelve and a half years ago, when the German menace was just beginning to be widely realized and London busses went about placarded "Wake up, England!"—alas, to so little effect!—I found myself in that dear old Capital of the World, attending one of those wonderful flower shows, for which England is justly famous. There I encountered a fellow-Canadian and Torontonion in the person of Dr. John Baldwin, whose insatiable love of horticulture had led him to the same hunting grounds as myself. But he was all for roses then, while I was interested in other things, for I thought, like many another at that time, that rose-growing was too much of a "losing game" in Canada to be worth the while. So, while he enthused over the beauties of Marquise Litta and the Marquise de Sinety—for he seemed to have a weakness for the French nobility—I took voluminous notes on the latest Sweet Peas, Delphiniums and what not.

There is surely a curious bit of irony about the fact that to-day Dr. Baldwin is directing the fortunes of the Toronto Horticultural Society, while I stand before you as the retiring President of the Rose Society! I should like to add that if I could give you, to-night, as good an account of my stewardship as Dr. Baldwin can of his, I should be very happy.

A few years later, my point of view was quite changed; for, like many others, I began to see that with the coming of the Hybrid Tea class of roses, rose-growing had become very much worth while in this part of Canada.

The first rose garden to really open my eyes was that remarkable one of Mr. McKendrick, on Toronto Island. Then I was introduced to those acres of wonderful roses grown on the estate of the late Mr. J. T. Moore, Avoca Vale—now, alas, nothing but a memory.

Last, but not least, I saw that quaint, over-crowded, but altogether lovable garden of the late Mrs. Allen Baines, whose flowers were veritable children to her. And under Mrs. Baines the Rose Society of Ontario came into existence.

That was in 1913. Since then it has prospered amazingly. A host of willing workers—genuine enthusiasts—have made it forge ahead in splendid style. Now it has come to the stage when it is carried along, as it were, by its own impetus, even with the handicap of an ineffectual president—as it has done this year.

In referring to the work of the past year, I want to speak first of our losses, which have been heavy indeed. Death has claimed five of our most distinguished members and best friends.

The late Hon. Lionel H. Clarke, Lieutenant-Governor of Ontario, was one of the Patrons of our Society and took a kindly interest in our work. Without his help, our Annual Shows would have lacked some very beautiful exhibits of roses culled from the gardens of Government House. The Rose Society is one of many organizations that are so much the poorer by his taking.

More recently we have lost another very distinguished member in the person of Mr. W. B. Burgoyne, of St. Catharines. Much has been written about the many remarkable achievements of Mr. Burgoyne, not the least of which was the institution of the first Civic Rose Garden in Canada. But we like to remember him also for his essential kindness, his delightful hospitality and the well-founded pride which he took in his native city—a pride which did not make him narrow, nor prevent him from serving as a very helpful, forceful member of our Executive Committee and Advisory Board. We shall all miss him greatly.



Again, in the person of the late Hon. Frederick Nicholls we lost a former member of our Executive, to whom we owe much. Besides being an outstanding exhibitor and prize-winner at our shows, Senator Nicholls took a very keen interest in the project of a Civic Rose Garden for Toronto, and was very active in his efforts to bring it about. Had it not been for the unfortunate failure to come to an agreement with the city authorities on a suitable location for it, I am sure we could now be in possession of such a garden, and that Senator Nicholls would have fathered it as whole-heartedly and generously as Mr. Burgoyne did the St. Catharines Rose Garden.

Lastly, we have lost very recently two of our oldest friends in the persons of Mrs. G. A. Sweny and Dr. Allen Baines, both of whom were vice-Patrons of our Society at its inception. It is a happy memory for us that at our last public meeting, Mrs. Sweny, in spite of her advanced years

and failing health, was present to see the presentation of the Sweny Challenge Trophy, which was won permanently this year by Mr. Mitchell.

Dr. Baines, like his beloved wife, was a great lover of roses and has remained a true friend of the Rose Society. To him we are indebted for one of our most-prized trophies—the Ella Baines Challenge Cup, named in memory of the founder of our Society.

Of what we have accomplished this year I am not going to speak at length. I am confident that, in certain respects, the Society holds a stronger position to-day than it has ever done. Our membership is large and without great effort can I am confident, be made much larger. Our Annual Rose Show has become a popular event, appealing to the imagination and taste of the public. The several open meetings held during the year have been unusually well-attended. Altogether, our assets, both tangible and intangible, are slowly but steadily increasing.

In conclusion, I want to express my own personal appreciation, as well as the thanks of the Society, to all whose loyal support and hard work have made this success possible.

First, we are very greatly indebted to Mr. J. Horace McFarland, of the American Rose Society, for coming to our Presentation of Prizes and delivering a splendid address, which showed us very plainly that in the world of horticulture, as in the whole realm of science, international boundaries are not barriers at all. We can clearly count on the co-operation of our fellow-enthusiasts across the line whenever we ask for it. Let us hope that it will not be long before we welcome Mr. McFarland back as an old friend.

Lastly, let me express my thanks to the various members of our committees: To Mr. Morton and his splendid Exhibition Committee, for giving us the most successful show we have ever had; to Miss Armour and her co-workers, for giving us, under very considerable handicap, an excellent Annual and Series of Bulletins; to Mrs. Houston, for the masterly way in which she and her Committee of Ladies handled the somewhat difficult refreshment proposition at the show; to Mrs. Lyon, for the magnificent spade-work she did in organizing and developing the Children's Department to Mr. Lyon, my trusty Secretary, and to Mr. Brush, our Treasurer and Secretary of the Exhibition Committee, whose labors have been unceasing and beyond praise; to Mr. McMichael, who handled the advertising for the show in a way that certainly brought results; and to many other faithful workers, who came to our assistance at many a crucial moment.

In conclusion, I would wish my successors to have as faithful and efficient a Committee as I have had and then there will be little need of my last wish, which is, for increasing prosperity to the Rose Society of Ontario.

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## Report of Exhibition Committee

Our Annual Rose Show took place on June 21st, and your Exhibition Committee hope that you were all fully satisfied with the result, at any rate, they did their best under the supervision of our enthusiastic President, Doctor Rolph.

As you no doubt know, here are some difficulties which occur each year, which cannot be controlled, the weather principally. The date of the Show must be set some time ahead, that we may be sure of getting the Galleries. This year, May and June were warmer than we had anticipated, and the bloom was correspondingly advanced, yet we had to decide on the date of the Show early in May. The exhibits, of which there were a hundred and twenty-nine, consisting, of course, of many blooms each, were not, I think, quite up to last year's standard, which was a very high one, nor were there as many of them, as some Exhibitors were unable to show owing to the advanced season. There were, however, some splendid blooms. The prize for the best Rose in the Show was won by our last year's President, Mr. Aubrey Heward, with a magnificent "Mrs. Bertram Walker." His other exhibits were also very fine. One thing very noticeable in Mr. Heward's Roses was the excellence of the foliage, a point which should receive more attention from other Exhibitors in future years.

The large table Exhibits of Sir John Eaton, and Messrs. Ormsby and McLaughlin, were of a very high standard and attracted well-deserved admiration.

The beautiful Exhibit from Government House, entered "not for competition," through the kindness of His Honor the late Lieutenant-Governor and Mrs. Clarke, was one of the outstanding features of the show.

That enthusiastic rose lover, the late Mr. Burgoyne, brought over a large exhibit from the Civic Rose Garden of St. Catharines. Probably you know that it is very largely owing to his generosity and public spirit that St. Catharines possesses this beautiful garden, unique in Canada, and if the blooms shown are any criterion, he has been fully justified in his labor of love.



Mrs. Lyon's Children's classes, which she worked so hard to make a success, attracted well deserved attention. "Catch 'em young," is a good rule in making future Rosarians, as in other things.

It is difficult to vary the Show from year to year, as we must, if we are to retain public support and interest. Looking back on past Shows, one sees improvements that might be made in the future, some of them a matter of money, which has been somewhat scarce in the past, for one cannot make bricks without straw. May I say here that we are extremely grateful to the special Patrons of the Show, Sir William Meredith, Col. A. E. Gooderham, Mr. G. H. Gooderham, Sir James Wood, Mr. D. A. Dunlap, Mr. Walter Laidlaw, Sir John Eaton, Mr. H. Gordon Osler, Mr. Noel Marshall, Mr. H. H. Williams, who were so liberal in their assistance. But I think you will agree with me that, on your Exhibition Committee, experience should be blended with fresh outlook, and that can only be got by your being careful to see that each year some new Members are elected by you to that Committee. You did this for 1921 and the result was excellent.

The judging was quickly and efficiently done, and although it is a rather thankless job, without any friction, and we owe the judges a debt of gratitude. We missed our old friend, Professor Buck, whose kind interest was not this year available.

The following ladies and gentlemen acted as judges:—Mrs. Dunnington-Grubb, Miss Yates, Miss M. Galbraith, Prof. Crow, Mr. J. H. Dunlop, Mr. H. J. Moore, Mr. Robert Hughes, Mr. Robert Holmes, Mr. S. Davidson, Mr. A. Kirkness.

Speaking personally, I wish to tell you that the success of the 1921 Show was the result of loyal and unselfish work on the part of all Members of your Exhibition Committee, and to the advice and assistance of our President. The detail work was split up among various Sub-Committees, each of which was responsible for some definite part of the whole, thus avoiding overlapping and confusion. Your Society was repeatedly congratulated on the good organization of the Show by those whose experience made their praise worth having.

That praise is justly due to the Members of the Sub-Committees, on whom fell the actual work which led to success. The rest was mere co-ordination.

Our Society's work is growing and bearing fruit, not only in the betterment of Toronto, but in other parts of the Province where Roses are grown. We are now branching out into our true work as a Provincial Society, and look forward to the near future when not only in Toronto, but throughout the Province, Rose Shows will be held under local auspices, with the active assistance and counsel of the Rose Society of Ontario.

The foundation of our Society was well and truly laid in the days of small things by our first President, Mrs. Baines, and her loyal band of helpers. It is for us who come after, to build on that foundation, year by year, till the ideals of our Founder becomes realities. This we can do without doubt, with the continuance of the loyal support of all our Members.

For the Exhibition Committee,

EDWARD L. MORTON.

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## Lectures and Prize Giving

An informal evening was spent at Jenkins' Art Galleries, by the members on Monday, May 30th, when Miss Yates opened the evening with a talk on "Autumn versus Spring Planting." Mr. Mitchell then told us something of "Exhibition Roses," showing some splendid slides. Professor Thompson spoke of the much-hoped-for Botanical Gardens, of which he suggested the centre should be formed by a Test Rose Garden. The evening came to a close with a brief history of the St. Catharines Civic Rose Garden, told by Mr. Brush, and illustrated with slides of the garden at different stages.

Mr. J. Horace McFarland, Editor of the "American Rose Annual," and an eminent rosarian, gave a charming address to the members of the R.S.O. and their friends, on Oct. 17th, in The Margaret Eaton School.

"Let us get more roses, love them more and grow them more thoughtfully," was the keynote of the address. Mr. McFarland emphasized the idea that the rose is universally grown, and is the oldest cultivated plant on record, having been known in Athens 2800 years ago. Speaking for the United States, he said he hoped to see the slogan of the American Rose Society changed from "A rose for every garden and a bush for every home," to "Many roses for every garden, and many bushes for every home."

He spoke also of the advisability of growing our own roses on this continent, rather than continuing to import them from Europe.

Municipal Rose Gardens make better citizens, he declared, and left us encouraged to continue our efforts to obtain one for Toronto.

The Prizes won at the Summer Exhibition were presented on this evening, the prizes being presented by Mrs. Dunnington Grubb.

#### RECORD OF PRIZE WINNERS—JUNE 21, 1921

- Class 1—Professional. 1. Sir J. C. Eaton. 2. Mrs. A. B. Ormsby.  
3. R. S. McLaughlin.
- Class 2—Semi-Professional. 24 H.P. or H.T. R. S. McLaughlin.
- Class 3—Semi-Professional. 36 Blooms. R. S. McLaughlin.
- Class 4—Semi-Professional. 12 Blooms. R. S. McLaughlin.
- Class 5—Semi-Amateur. 12 Blooms H.P. 1. Miss H. Beardmore.  
Highly Commended, A. D. Heward.
- Class 6—Semi-Amateur. 12 Blooms H. T. 1. A. D. Heward. 2. D.  
E. Thomson.
- Class 7—Amateur. Best 6 Roses. 1. P. H. Mitchell. 2. Dr. Rolph.  
3. E. Stokes.
- Class 8—(Novice)—Best 6 Roses. 1. W. H. Ferguson. 2. Mrs. Way-  
ling.
- Class 9—(Novice)—Best 3 Roses, Boxes. 1. W. H. Ferguson. 2. A.  
W. McConnell. 3. Mrs. Oliphant.
- Class 10—Best 3 Roses. Vases. 1. Miss Godson. 2. Mr. S. Lillie. 3.  
Mr. H. W. Little.
- Class 11—Best 6 Yellow. 1. Dr. Rolph. 2. Mrs. T. M. McGill.
- Class 12—Best 12 H.P. or H.T. 1. Mme. Bouvier. 2. Mrs. McGill.
- Class 13—Best 6 Vases. 1. E. M. Stokes. 2. Mr. H. W. Little.
- Class 14—Best Lyon Rose.
- Class 15—Best Specimen. 1. Mr. H. M. Little. 2. Mr. W. H. Ferguson.  
3. Mr. E. M. Stokes.
- Class 16—Open. 24 Blooms. 1. Mr. A. D. Heward. 2. Mrs. Urquhart.

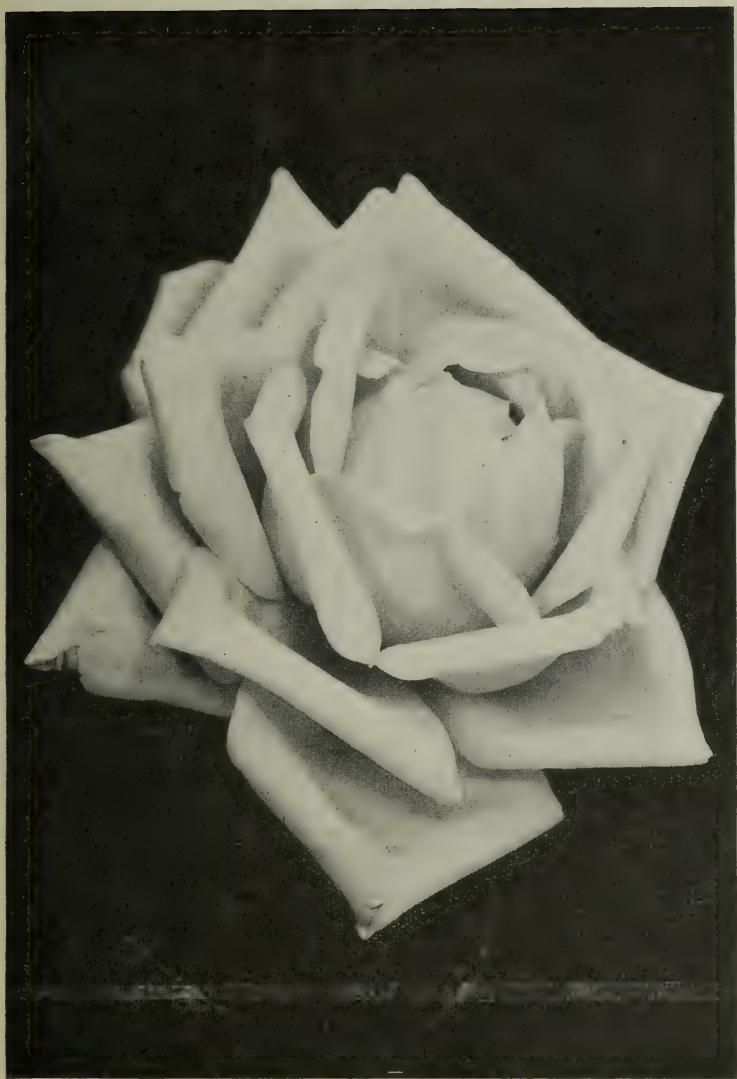


- Class 17—Open. Best Exhibit, 36. 1. Mr. A. D. Heward. 2. Sir J. C. Eaton. 3. R. S. McLaughlin.
- Class 18—Open. 10 Sprays Climbing. 1. Mr. A. D. Heward. 2. Mme. L. Bouvier. 3. Mr. H. W. Little.
- Class 19—Open. Best 48 Roses. 1. R. S. McLaughlin.
- Class 20—Open. Best 6 Red. 1. R. S. McLaughlin. 2. Sir J. C. Eaton. D. E. Thomson.
- Class 21—Open. Best 6 Pink. 1. R. S. McLaughlin. 2. R. J. Christie. 3. Mrs. D. Urquhart.
- Class 22—Open. Best 6 White or Cream. 1. Miss Godson. 2. Sir J. C. Eaton. 3. R. S. McLaughlin.
- Class 23—Semi-Amateur or Amateur. Best 6 Teas. 2. Mme. L. Bouvier.
- Class 24—12 Properly Named. 1. D. E. Thomson. 2. Miss Beardmore. 3. Mrs. Wayling.
- Class 25—Decorative, 6 or 12 in Vase. 1. Mrs. G. G. Adam. 2. A. D. Heward. 3. Mrs. Morell.
- Class 26—Best Bowl or Vase, Ramblers. 1. W. H. Ferguson. 2. A. D. Heward. 3. Mme. L. Bouvier.
- Class 27—Best Arranged Bowl. 1. Mrs. G. G. Adam. 2. A. D. Heward. 3. Miss Langlois.
- Class 28—Best Table Arranged. 1. Miss Brush. 2. Mme. Bouvier. 3. Miss Adele Austin.
- Class 29—Best Basket. 1. Mrs. G. G. Adam. 2. Miss Armour. 3. Miss Brush.
- Class 30—Best Small Basket. 1. Mr. A. D. Heward. 2. Miss Brush. 3. Miss Langlois.
- Class 31—Best Exhibit New Roses. 2. Mr. A. D. Heward.
- Best Rose in Show. Mr. A. D. Heward.
- Special Awards for Exhibits of Merit. Mr. A. D. Howard. Mr. R. E. Hughes.

The Society Bronze Medal was awarded as a special mark of merit to Mr H. Johnson for the very beautiful exhibit entered by him from Government House "not for competition."

### CHILDREN'S DEPARTMENT

- 1-A—Best Basket Exhibitor, 6 to 10. 1. M. Casselman. 2. M. Bain. 3. Chas. Hurley.
- B—Best Basket Exhibitor, 10 to 16. 1. Annie Miller. 2. Carl Tobias. 3. Dorothy McMichael.
- 2-A—Best Vase Exhibitor, 6 to 10. 1. N. Prince. 2. M. Bodwell. 3. H. Southam. 4. Martin Jackson.
- B—Best Vase Exhibitor, 10 to 16. 1. Annie Miller. 2. W. Southam. 3. Marion Miller. 4. Annie Miller.
- 3-A—Best Bowl Exhibitor, 6 to 10. 1. Chas. Hurley.
- B—Best Bowl Exhibitor, 10 to 16. 1. Dorothy McMichael. 2. Reg. Casselman. 3. Russel Schelborne.
- SCHOOL CHALLENGE SHIELD—Best Basket of Roses. Won by Duke of Connaught School.



*H. T. ROSE, MRS. H. R. DARLINGTON.*

*A very fine new English Show Rose, of great size, cream-yellow in colour.  
Specimen grown by Dr. A. H. Rolph.*





## EXHIBITORS IN THE CHILDREN'S DEPARTMENT

Anderson, Bruce.....	40 Ashdlae Ave.
Anderson, Willie.....	95 Ashdale Ave.
Ablitt, Hazel.....	14 Bertmount Ave.
Bodwell, Marion.....	37 Columbine Ave.
Bond, Isabel.....	77 Herbert Ave.
Bullock, Christine.....	190 Kingston Road
Bain, Billie.....	1.04 Moscow Ave.
Barnett, Vera.....	12 Ap.legrove Ave.
Bignell, Fred.....	114 Eaton Ave.
Bartholomew, Pearl.....	20 Curzon St.
Brown, Margaret.....	46 Applegrove Ave.
Ball, Pattie.....	38 Knox Ave
Brown, George.....	46 Applegrove Ave.
Binns, Mable.....	9 Fulton Ave.
Cadenhead, Thelma.....	189 Brookside Drive
Cowling, Alfred.....	348 Waverley Road
Cox, Linda.....	31 Coxwell Ave.
Cox, John.....	31 Coxwell Ave.
Cox, Bobbie.....	31 Coxwell Ave.
Collis, Bert.....	74 Rhodes Ave.
Casselman, Mary.....	1856 Yonge St.
Casselman, Ryerson.....	1856 Yonge St.
Collis, Willie.....	74 Rhodes Ave.
Carlton, Norma.....	76 Kingston Road
Cooney, Ellen.....	111 Greenwood Ave.
Callendar, May.....	72 Greenwood Ave.
Chute, Kathleen.....	28 Kent Road
Cooney, Willie.....	111 Greenwood Ave.
Croos, Arthur.....	57 Hastings Ave.
Disley, Mable.....	129 Ferrier Ave.
De Friez, Tom.....	39 Morley Ave.
Dunbar, Jimmie.....	10 Coxwell Ave.
Farley, Caroline.....	75 Morley Ave.
Farley, Phillip.....	75 Morley Ave.
Fraser, William.....	54 Rhodes Ave.
Galbraith, Audrey.....	101 Fulton Ave.
Green, Norman.....	64 Coxwell Ave.
Griswell, George.....	90 Chester Ave.
Geh, Bertha.....	263 Morley Ave.
Geh, Phillis.....	263 Morley Ave.
Green, Kathleen.....	64 Coxwell Ave.
Griffin, Frank.....	135 Greenwood Ave.
Haacke, Dorothy.....	73 Wrenson Road
Harrison, Dorreen.....	57 Cedarvale Ave.

Hurley, Charles.....	91 Rose Ave.
Hardman, Francis.....	53 Hiawatha Road
Harrison, Adelaide.....	45 Hastings Ave.
Hamilton, Vernon.....	71 Greenwood Ave.
Irwin, Kenneth.....	121 Greenwood Ave.
Jackson, Martin.....	21 Lauder Ave.
Johnson, Dorothy.....	27 Fenwick Ave.
Lauder, Marion.....	153 Morley Ave.
Leach, Gladys.....	53 Greenwood Ave.
Lowe, Eric.....	29 Rhodes Ave.
Melway, Grace.....	839 Carlaw Ave.
Martin, Howard.....	300 Kenilworth Ave.
Matthews, Wilfred.....	31 Hastings Ave.
Morley, Violet.....	1399 Queen St. East
Moore, Marguerite.....	36 Maughan Crescent
Miller, Marion.....	557 Shaw St.
Miller, Annie.....	386 Westmoreland Ave.
Morley, Harry.....	1399 Queen St. East
Moore, Ronald.....	36 Maughan Cres.
Miller, Jimmie.....	275 Morley Ave.
Mitchell, Jack.....	97 Morley Ave.
Maden, Helen.....	86 Prust Ave.
Montgomery, Emma.....	1519 Queen St. East
McPhie, Isabel.....	125 Ferrier Ave.
McPhie, Joan.....	40 Laing Ave.
McPhie, James.....	125 Ferrier Ave.
McMichael, Dorothy.....	98 Roxboro St. West
Ness, Agnes.....	1531 Queen St. East
Nattress, Wilfred.....	31 Hastings Ave.
Penrose, Grace.....	4 Rhoses Ave.
Prince, Norman.....	39 Hiawatha Rd.
Penrose, Wallace.....	4 Rhodes Ave.
Pile, Eileen.....	222 Fulton Ave.
Porter, Harold.....	67 Ashdale Ave.
Prince, Willie.....	6 Ashdale Ave.
Putwain, Ivy.....	247 Morley Ave.
Robeson, Cleo.....	119 Morley Ave.
Raine, Audrey.....	155 Fulton Ave.
Rowe, Blanch.....	1 Ashland Ave.
Rowe, Willie.....	1 Ashland Ave.
Randall, Olive.....	114 Alton Ave.
Sparks, Beverley.....	55 Rainsford Road
Stacey, Jack.....	1821 Gerrard St. East
Stubbins, Dillon.....	183 Fulton Ave.
Shallhorn, Russell.....	181 Fulton Ave.

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## EXHIBITORS—CHILDREN'S DEPARTMENT 19

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Stewart, Merle.....	1 Battenburg Ave.
Spencer, Norma.....	74 Glenholme Ave.
Southam, Marsena.....	62 Laing Ave.
Southam, Herbert.....	62 Laing Ave.
Sinker, Lily.....	36½ Hastings Ave.
Twiss, Elwyn.....	44 Browning Ave.
Tobias, Carl.....	34 Fenwick Ave.
Thompson, Ralph.....	28 Coady Ave.
Terry, Hugh.....	104 Greenwood Ave.
Thom, Ambrose.....	148 Morley Ave.
Vallierre, Willie.....	69 Rhodes Ave.
Waters, Margaret.....	75 Elmer Ave.
Willoughby, Norma.....	999 Eastern Ave.
Watkins, Helen.....	44 Moberley Ave.
Whitehouse, Edith.....	81 Morley Ave.
Willoughby, Rose.....	999 Eastern Ave.
Willoughby, Euphamie.....	999 Eastern Ave.
Willoughby, Viola.....	999 Eastern Ave.
Whitehouse, Freddie.....	81 Morley Ave.
Woodham, Fred.....	58 Laing Ave.
Williamson, John.....	18 Greenwood Ave.
Weaver, Louise.....	164 Coxwell Ave.
Wahrer, Eileen.....	13 Battenburg Ave.
Webb, Mollie.....	829 Pape Ave.



# The Summer Exhibition Schedule, 1922

CLASSES		PRIZES		
CLASS	PROFESSIONAL	FIRST	Second	Third
I.	Display of Roses on Table....	Silver Gilt Medal, R.S.O.....	Diplo- ma	Diplo- ma
SEMI-PROFESSIONAL				
II.	24 H.P.'s or H.T.'s named, not less than 6 varieties....	Silver Gilt Medal, R.S.O.....	"	"
III.	36 blooms of any kind.....		"	"
IV.	12 blooms of not more than 2 varieties of H.T.'s.....	Silver Medal, R.S.O.	"	"
SEMI-AMATEUR				
V.	12 blooms of H.P.'s, not less than six varieties.....	Ella Baines Cah- lunge Bowl.....	"	"
VI.	12 blooms of H.T.'s, not less than four varieties .....	\$5, Dr. A. H. Rolph	"	"
AMATEUR				
VII.	Best 6 roses, any kind but ramblers, shown in boxes..	\$10.....	\$5	\$3
VIII.	Best 6 H.T.'s—*Novice.....	\$5, Mr. Percy Her- mant.....	Diplo- ma	Diplo- ma
IX.	Best 3 roses, any kind but ramblers, shown in boxes..	Decorative Bowl, Mrs. G. G. Adam	"	"
X.	Best 3 roses, any kind but ramblers, shown in a vase..	Silver Medal, R.S.O.	"	"
XI.	6 best yellow roses, shown in a vase.....	\$5, Major R. J. Christie.....	\$3	\$2
XII.	Best 12 blooms, any colour, H.T.'s or H.P.'s.....	\$5, Major R. J. Christie.....	\$3	\$2
XIII.	Best 6 roses, any colour, shown in a vase.....	\$5, Mr. S. B. Mc- Michael.....	"	"
XIV.	Best Lyon Rose, shown in a vase, and foliage to be taken into consideration....	\$5, Mr. W. H. Lyon	"	"
XV.	Specimen rose, shown in a vase, length of stem and foliage taken into con- sideration.....	Challenge Cup, Mr. and Mrs. C. E. Burden .....	"	"

(Continued)

CLASSES		PRIZES		
CLASS		FIRST	Second	Third
XVI.	Best variety of all roses but ramblers, not more than 24 blooms.....	Rose bushes to the value of \$10 win- ner's own selection H. Merryweather & Sons.....	Diplo- ma	Diplo- ma
XVII.	Best exhibit of roses, not over 36 and not less than 12 blossoms or sprays of any kind.....	Challenge Cup, the late Mr. J. T. Moore.....	"	"
XVIII.	10 sprays of climbing roses, ramblers, wichuraianas, etc.....	\$5, Dr. A. H. Rolph	"	"
XIX.	Best 48 H.P.'s or 48 H.T.'s, or 48T.'s.....	Challenge Cup, S. McGredy & Son.	"	"
XX.	Best 6 Red roses, H.P.'s or H.T.'s.....	\$5 Mrs. A. B. Ormsby	"	"
XXI.	Best 6 Pink roses, H.P.'s or H.T.'s.....	\$5, Mrs. Harcourt...	"	"
XXII.	Best 6 white or cream roses, H.P.'s or H.T.'s.....	\$5, Mrs. J. J. Gib- bons.....	"	"
OPEN TO AMATEURS AND SEMI-AMATEURS				
XXIII.	Best 6 Teas named.....	R.S.O. Silver Medal	"	"
XXIV.	12 H.P.'s or 12 H.T.'S, cor- rectly and legibly named..	\$5, Mr. J. S. Wallace	"	"
DECORATIVE				
XXV.	Not less than 6 varieties, and not more than 12 blossoms of any rose but ramblers to be arranged in a vase or bowl.....	Silver Medal, R.S.O.	\$3	\$2
XXVI.	Best vase or bowl of rambler roses.....	Silver Medal, R.S.O.	\$3	\$2
XXVII.	Best arrangement in a vase or bowl of roses of any kind but ramblers.....	Silver Medal, R.S.O.	\$3	\$2

*The Summer Exhibition Schedule, (continued)*

CLASSES		PRIZES		
CLASS	OPEN	FIRST	Second	Third
XXVIII.	Most beautiful table arrangement of roses in any form. The roses must be grown by exhibitor (Polished top luncheon tables, four to five feet in diameter, supplied by the Society to ensure uniformity).....	"Roseholme" Challenge Cup. Mrs. W. H. Lyon.....	Diplo- ma	Diplo- ma
XXIX.	A basket of roses.....	Ellis Challenge Cup.	"	"
XXX.	Small basket (not to be higher or longer than 15 inches including blooms).....	Bowl, Miss M. E. Armour.....	"	"
XXXI.	Best exhibit of new roses that have not been in commerce more than five years.....	\$5, R.S.O.....	"	"

\*Novice—One who has never exhibited before.

Best Rose in the Exhibition.....Challenge Bowl, Mr. P. H. Mitchell

A special prize of \$5, donated by Miss Beardmore, may be awarded at the discretion of the judges, for any exhibit of special merit which has been awarded no other prize.



## The Children's Department

This section of the Exhibition, under Mrs. W. H. Lyon's able management, was successful beyond all our hopes, in point of view of both numbers and quality of exhibits. What may we not expect from the junior members of the Society in years to come.

Our thanks are due to the kind friends of the children, who gave such handsome prizes and trophies, and we take this opportunity of thanking Sir Joseph and Lady Flavelle, Mr. and Mrs. E. R. Wood, Mr. and Mrs. Harry Hooper, Mrs. Sidney Small, Mrs. T. J. Armstrong, Mrs. O. B. Shepperd and Mrs. Harry Ryrie.

We wish also to thank Miss I. E. Roy, Mrs. C. E. Fice and Mrs. George A. Scott, for their kindness in acting as Judges.

Mrs. Lyon is fortunate in having Mrs. W. B. Cooper and Miss Bettie Waters as assistants in this work, this year.

CLASSES		PRIZES		
CLASS		FIRST	Second	Third
I.	Best arrangement of roses in basket (baskets not to be more than 12 inches high or long)—			
a.	Exhibitors 6 to 10 years....	Challenge Silver Vase (3 years) Mrs. O. B. Sheppard.....	\$1.00	\$0.50
b.	Exhibitors 10 to 16 years	Challenge Silver Basket (3 years) Mr. and Mrs. Harry Hooper.....	1.00	.50
II.	Best arrangement of roses in Vase—			
a.	Exhibitors 6 to 10 years..	Silver Vase, Mrs. Harry Ryrie.....	1.00	.50
b.	Exhibitors 10 to 16 years	Challenge Silver Vase (3 years) Mrs. Walter Lyon.....	1.00	.50
III.	Best Bowl of Roses—			
a.	Exhibitors 6 to 10 years..	Silver Trophy.....	1.00	.50
b.	Exhibitors 10 to 16 years	Silver Challenge Bowl (3 years), Mrs. Sidney Small	1.00	.50

CLASSES		PRIZES		
CLASS		First	Second	Third
IV.	Best Rose in the Department	Silver Trophy.....	1.00	.50
V.	Best Decorated Table (no foliage other than Rose foliage allowed).....	Silver Trophy.....	1.00	.50
VI.	Best Basket of Roses. Roses grown by children of the Schools.....	School Challenge Shield.....		

Children's Membership Fee, Ten Cents.

### How Roses are Judged

Every Exhibitor should know the basis on which prizes are awarded at the Rose Shows. Here is the score-card for this year's judging:

#### A.—"SHOW" CLASSES

Form and Substance.....	25 points
Colour.....	20 "
Size.....	20 "
Condition.....	20 "
Stem and Foliage.....	15 "
Total.....	100 points

#### B.—DECORATIVE CLASSES

Form and Substance.....	20 points
Colour Effect.....	20 "
Condition.....	20 "
Stems and Foliage.....	20 "
Arrangement.....	20 "
Total.....	100 points

## Outdoor Rose Growing in Cold Climates

THEODORE WIRTH, SUPT. PARKS, MINNEAPOLIS, MINN.

Mr. Theodore Wirth is the Superintendent of Parks in Minneapolis. The fame of the Civic Rose Garden at Lyndale Park, tells its own tale of what can be done under adverse circumstances, with enterprise, hard work and patience. In the following article Mr. Wirth and his co-worker, Mr. J. Juhl, tell us their methods of coping with the severe climate, and those of us in Canada who labor under the same difficulties, should find great encouragement in his words. (A full description of the Minneapolis Test Rose Garden can be seen in the R.S.O. "Annual."—1918, Ed.

Below zero temperature is really no drawback to successful outdoor rose culture, if proper winter protection is provided. The winter protection is not provided with the idea of excluding heavy frosts from the plants, but its purpose is simply to keep the plants frost-bound during the entire winter.

The alternate freezing and thawing of the wood is what impairs the plants, and if that process is prevented by keeping the sun's thawing rays, the warm air and the winds from the plants, they will pass the winter in a cold quite as well as in a warm climate.

Care should be taken that the wood of the plants is well ripened in the fall and this can be brought about under normal weather conditions by checking the growth of the plants during September and October. Keep the plants rather dry and omit the cultivating of the soil. Just before preparing the plants for winter protection they must be given a liberal watering if there have not been sufficient fall rains to penetrate the soil at least six inches.

Otherwise the cultivation of roses is the same in a cold climate as in any other part of the country. The rose is a heavy feeder and must be well nourished, watered and cultivated. Proper pruning determines the quality of flowers produced. Cleanliness and prompt protection against insects is another essential to good rose culture.

Mr. J. Juhl has been in charge of our Minneapolis Municipal Rose Garden for the last five years and has been very



successful. At my request he ventures to give the following information, advice and suggestions on outdoor rose growing and protection in our climate:

"It is practically only since the Minneapolis Municipal Rose Garden was established in 1908, that roses have been grown to any extent in Minnesota, and due to our severe winters many people still consider it impossible to grow roses outdoors successfully. Most of our rose lovers here, however, are now convinced that nearly all roses may be grown anywhere in the United States if given the proper care, suitable soil conditions and proper winter protection.

"The rose grower, professional or amateur, meets with many difficulties and disappointments in the sub-zero regions, and to be successful he must give close attention to their requirements, habits and protection.

The Minneapolis Municipal Rose Garden covers a tract of one acre at Lyndale Park, in a fairly well sheltered situation, protected on three sides by woodlands, plantings and high grounds. To the southwest it borders on an open lawn. None of the protection mentioned shades the grounds. The garden gets full sunlight all during the day. Our winter temperature is frequently twenty degrees and more below zero. We have a great deal of alternate freezing and thawing in the early spring, which is very destructive to roses. However, if the right method is used and proper material provided for protection, this freezing and thawing of the plants can be prevented, and all varieties of hybrid remon-tants,\* and most varieties of hybrid teas and polyanthas can be grown in the garden with entirely satisfactory results.

"In the early part of November preparations are made for covering. If the natural rainfall has been light in the late summer and fall, all beds are thoroughly watered and earth is banked up from six to eight inches around the base of each individual plant, the branches of which have first been tied together. In the case of some of the most delicate varieties of hybrid teas and plants with a smooth bark, a collar of building paper eight inches high filled with a handful of dry oak leaves is placed around the plant and tied to keep

\* i.e. Hybrid Perpetuals

the dirt from getting in direct contact with the canes. It is our experience that the bark of a delicate or smooth bark rose is often cracked if the damp soil is allowed to freeze solid around it. We consider the heaping up of the soil around the base of the plant a most important part of the protection. When this is completed, planks are placed along the long sides of the oblong beds, leaving the ends open. We now have the plants in an open frame.

"After the ground is frozen to a depth of three or more inches the frame is filled loosely with dry leaves to within six inches of the top of the frame, which latter is from twenty to twenty-four inches high. If oak leaves are available they are to be preferred. Wooden shutters are then placed over the beds to keep the leaves in place and to keep the moisture out. Whenever canes are higher than the frame they are easily kept down by the weight of the shutters. The final is to cover the entire frame with straw or bedding. This will give additional protection and keep the shutters from blowing off. The open ends of the frame are also covered with such material. The end protection is partly removed during spells of mild weather to provide for circulation of air, so preventing dampness. Not all varieties of climbing roses are entirely hardy with us, and they cannot always be depended upon even when given the best of care. Some of the hardiest are: Crimson Rambler, Hiawatha, Farquhar, Dr. Van Fleet, Prairie Queen and Paradise. Climbers are taken down in the fall, bundled and fastened down with stakes. They are then covered with leaves to a depth of ten inches, and tar-paper and straw is placed over the leaves. Care is taken to use tar-paper without holes or cracks, because such defects cause leaks and drips and the tar water is injurious if it comes in contact with the wood.

"All hybrid rugosas are hardy with us with the exception of Conrad F. Meyer, Nova Zembla and one or two of similar types, which like the Austrian and Sweet Briers, require a light covering of straw to keep them shaded from the sun in sub-zero weather. "

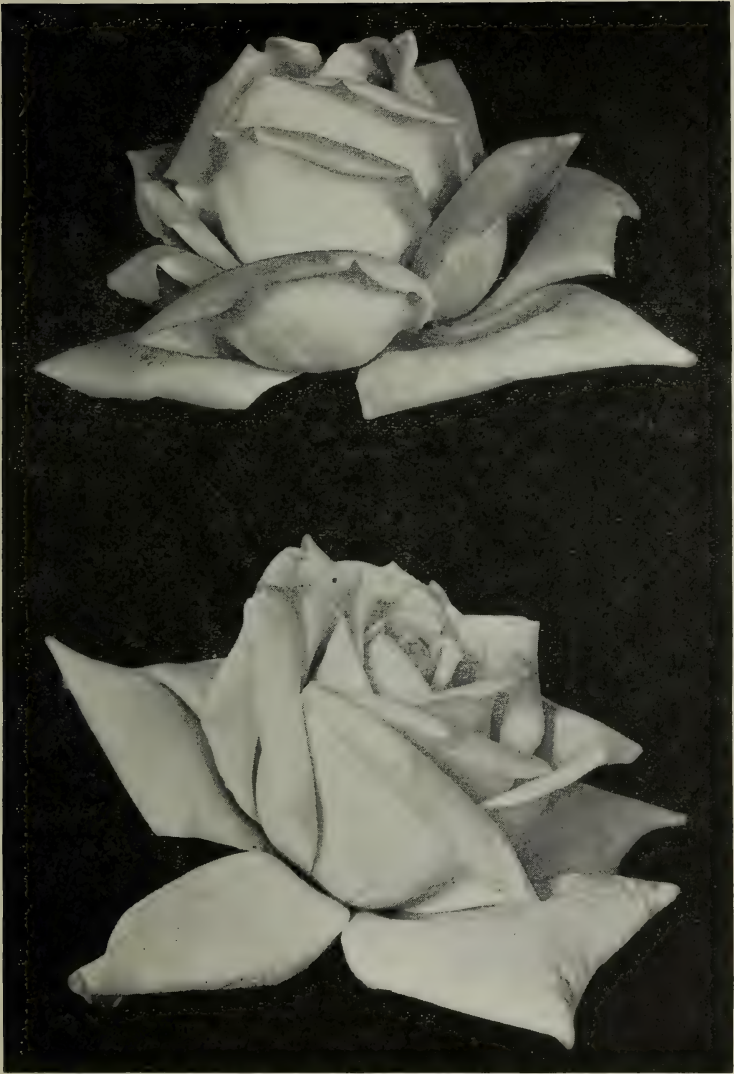
Except for giving proper ventilation, all covering is left on until about the middle of April and then removed gradually as the weather conditions may permit.

When all covering is removed the heaped soil is replaced and the plants are gone over and pruned. This pruning is done in the Spring, because the plants retain more vitality if not cut back in the Autumn, and Fall pruning would necessitate going over them again in the Spring to remove any wood that may have been winter killed. First, all dead wood is removed; secondly, all the weakest wood is cut out and only the strongest, cleanest canes retained. These later are cut back to from two to six eyes, according to habit of variety.

The combating of insects and fungus is an important factor in outdoor rose growing. Some of our most troublesome insects are the green plant lice, chafers, and the slug. The plant lice we control quite easily by spraying with a solution of soap and black leaf No. 40 as soon as they appear on the leaves. For all biting insects we find that arsenate of lead is the most satisfactory. The rose bug, which is found in the East in such great numbers, is unknown here. The mildew and black spot are very hard to control. We find clean cultivation the best remedy, but we are also using Bordeaux Mixture with some results for black spot, and potassium sulphide for the mildew.

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*Top: GEO. ARENDS*

*Bottom: SOUVENIR DU PRESIDENT CARNOT*



## Roses on Vancouver Island

MR. F. B. PEMBERTON, VICTORIA, B.C.

Mr. F. B. Pemberton is one of the foremost amateur horticulturists of Vancouver Island. He was for some years President of the Victoria Horticultural Society, and acts every year as a judge in the very fine Duncan Horticultural Shows. Mr. George M. Taylor's plea that enthusiasts should insist upon the growers producing mildew-proof roses, finds an echo in Mr. Pemberton's habit of refusing to have in his garden any varieties which are especially liable to this disease.—ED.

The successful growing of roses here is not always as easy as might be expected, considering the wonderful way that all other plants, flowers and shrubs grow, provided they are given good rich treatment, well drained soil and plenty of water. Roses, however, want other considerations besides these, such as exposure. This is most important, expose them to the sun but protect them from the wind; the situation should not be too shady or not properly drained. Then, of course, in different parts of the Island they do much better than others. They may do well in one garden and in lower places close by, exposed to mists, they may not do at all. In Victoria itself, on account of the cold winds and cool nights, roses are very liable indeed to mildew. One has to be very careful about watering, not to allow late watering as that is a very fruitful cause of mildew. For my part, I have completely eradicated climbing roses that are liable to it, such as Dorothy Perkins, Lady Gay, Crimson Rambler and others. There are so many roses that do not mildew, that with labor at its present high cost it is far better to go in for only those whose foliage can be kept clean with a minimum of labor. Some of the climbing roses do wonderfully well. Cant's Blush grows marvellously, with great massive stems 15 to 20 feet long in the season, and is a splendid rose for arches or pergolas; Alberic Barbier is a wonderful climber. I have one growing up an oak tree, which has rambled through the oak thirty feet up, is a mass of flowers for a long time and is really a beautiful sight. Caroline Testout is also another very good climber; also Papa Gontier, Cecile Brunner, Tausendschoen, American Pillar, Teplitz, Fortune's Yellow, Hiawatha, Francois Jouranville, Christine Wright and Conrad Meyer. The Trier Rose is a slow climber, but a wonderful

rose, out of which you can gradually make an arch that blooms all the summer. These are all very good climbers and grow well here. Mme. Alfred Carriere I have had on a south wall thirty feet in height and we picked armfuls of flowers from it in the season. Dr. Van Fleet is a beautiful flesh-colored rose with charming buds and grows well over rocks and arches. Gloire de Dijon is growing on a south wall and generally is loaded with flowers at the end of February. This is one of the few roses that grow well on a north wall; there, of course, it flowers later.

Of ordinary garden roses a great many of the best do very well if properly looked after. At Government House years ago they had a bed of Lyon Roses that would have been hard to beat anywhere. It was a beautiful sight. They also had some wonderful standard Kaiserin Augusta growing in among Daily Mail Roses, which also made a very charming effect.

In Mr. Butchart's celebrated garden at Tod Inlet, roses do really well, as they are away from the cold winds and have full exposure to the sun. They have a row of Caroline Testouts which have a wonderful effect when out in full bloom. In another garden in Victoria is a row of Ulrich Brunners, which make a very fine display. Certainly, wherever possible, the way to have a real effect is by having either a row or beds of some really good rose.

An old English writer once said: "It is curious how few people seem to consider the value or beauty of a rose as a growing plant in the garden; nearly everyone when supposed to be describing some particular variety of rose, in reality describes an individual blossom." Out here we feel very much in sympathy with the above, as we prefer the massed effects rather than the individual blooms.

So many ordinary roses do well according to location, that it would be difficult to individualize many, but Donald Macdonald, orange carmine; Lyon, pink shading to red and yellow; Mme. Edouard Herriot; Princess Mary, a good single crimson; Mrs. Redford, apricot orange; Mrs. Alfred Tate, coppery salmon; Henrietta, orange crimson; Golden Ophelia, golden yellow; Golden Spray; Benedicte Seguin, apricot; Hugh Dickson, crimson; Chateau de Clos Vougeot,



velvety crimson; Papa Gontier, red; Red Letter Day, single red, and any number of others do very well. Some of the Teas are not so satisfactory, being rather apt to die off in winter, being too delicate even for our moderate climate.

A few years ago at the Duncan Flower Show someone brought over from Salt Spring Island a rather wonderful collection of roses, which got first prize. He has a large farm there and in his spare time attends to the roses entirely himself, showing what can be done by anyone who really has his heart in growing roses.

As a rule, up at Cowichan roses do very well indeed, the nights being very much warmer than they are here; in fact, it is warmer altogether, and there are a number of growers there who have really good roses.

I forgot to mention that at the Government Buildings the gardener has a wonderful collection of roses, which are really well grown and comprise all the best varieties.

All roses can be propagated very easily here. All one has to do is to put good sized cuttings in the garden in the Fall and they quickly root.

Personally I do not care for roses which have to be sprayed to keep off mildew. Everyone here is now going in for the non-mildewing varieties. It seems hardly worth fighting this disease when there are so many beautiful roses that are not subject to it.

I have rather a beautiful effect on a long pergola in my garden, produced by growing Wisteria so as to hang down inside with climbing roses on the top. There are different climbing roses, such as American Pillar, Caroline Testout, Hiawatha and others, and when the Wisteria is blooming at the same time as the roses, the effect is very beautiful.

Brier roses do very well and do not mildew, but are not nearly as much grown as they should be.

There is no question that provided a person has the right position for his rose garden and the soil, and gives them proper attention, he can get as good roses as can be grown anywhere; but roses, like everything else, cannot be grown without proper and intelligent care, nor without the real love for them which they merit.

## Roses and Mildew

### Immune and Resistant Varieties

BY GEORGE M. TAYLOR, EDINBURGH

*From the National Rose Society Annual, 1921*

Mr. G. W. Taylor of Edinburgh, is one of the ablest horticulturists in the old country. As Mr. Courtney Page says of him, "he knows what he is talking about," and we appreciate Mr. Page's kindness in allowing us to reprint this article. Ed.

Mildew is a disease which, unfortunately, causes serious trouble and annoyance to growers of the rose. During the last year or two a great deal of writing on the subject has found its way into various horticultural publications, and several lists of roses alleged to be immune from mildew have been printed. Before offering any criticism of these lists, I should like to say that the question of mildew and roses that are immune from it, or highly resistant to it, is an exceedingly difficult one to deal with satisfactorily. I have found, for example, that a rose which is resistant, or thought to be resistant, in one district, is highly susceptible in another. I shall give General McArthur as an example. I was wont to think at one time that this excellent rose was a variety which was absolutely immune from mildew, and, as a matter of fact, I have never seen it affected in the Lothians of Scotland. In other districts, however, in Scotland as well as in England, I have seen it as seriously crippled with disease as are many sorts that are recognized to be highly susceptible. I have to be careful, therefore, in saying that any given variety of rose is possessed of absolute immunity. That is a character which is very rare amongst modern cultivated roses. But I do believe that it is a character which the breeder can fix and intensify, and in the evolution of the rose it is one which must receive the attention which its undoubted importance necessitates. We are now at a stage in the development of the rose when varieties that are disease resistant are highly necessary if the flower is to hold its popularity in gardens, and something much more than mere improvements in the way of color and formation is wanted. These latter points are secured in sufficient abundance to go on with. What we now desire are roses that are resistant to disease. It will

come all right; their importance and necessity are now recognized by rose raisers. The potato men have produced a race of varieties of potatoes that are absolutely proof against a serious disease. What has been done with potatoes can be done with roses!

My complaint against practically all the lists which have hitherto been published of what are called "Mildew-resistant Roses" is that they are inaccurate. I have explained the difficulties that exist in the compiling of such lists, because districts and environments are factors which must be considered. A rose considered immune in one county may be susceptible in another, and, likewise, a rose considered immune this year may be badly attacked next year. At this stage of the development of the rose one cannot dogmatize, and every list of alleged "Mildew-resistant Roses" must be accepted with great caution, for it can only be regarded as provisional and tentative. One or two varieties are undoubtedly apparently mildew-proof, but, as already stated, this character is rare.

I would emphasize what I have written by a reference to a list of "Mildew-resistant Roses," published in Vol. XLIII. (Parts 2 and 3) of the Journal of the Royal Horticultural Society. In the list of Hybrid Teas I find Colleen. It may be that this rose found its way into that list in error—the fact remains that it is one of the most highly susceptible varieties I know. I would put it in a list of roses that should be avoided, owing to their weakness in regard to mildew resistance. In the same list I find Charles de Lapsisse, Earl of Warwick, Lady Greenall, Lady Pirrie, Lieutenant Chaure Mme. Jules Bouche, Mrs. A. E. Coxhead, Mrs. Wakefield, Christie Millar, Mrs. Wallace H. Rowe, Old Gold, Ophelia, Robin Hood, and Walter Speed. These, in my experience, cannot be called "Resistant" Roses. I have seen everyone of them—often—seriously infested with mildew. I made elaborate observations six years ago, in conjunction with Dr. Horne, then of the Royal Horticultural Society's Gardens at Wisley, in order to prepare a list of roses that were totally resistant to mildew, but so far as I am concerned, the matter was dropped, as I felt it was almost impossible to compile an accurate and reliable list of Hybrid Teas.

In the list published in the Journal, to which I have just referred, I find it stated that our native Briar, *R. canina*, is a good mildew resister. That is not my experience. *R. canina* is extremely liable to serious attacks of the disease. *R. laxa*, on the other hand, is an example of a species which presents absolute immunity from mildew. We need not, however, deal with species, as the various roses in such a group are of but little interest to the average rosarian, and are only really the concern of the botanist and breeder. I would state here that *R. Moyesii*—one of the gems amongst the true species—has never shown any trace of mildew since I have grown it, and I believe it to be immune.

I do not propose to deal with this question of mildew from its therapeutic, or curative, aspect, nor yet do I wish to consider its pathogenic nature of attack. These are considerations which have been discussed over and over again; after all that has been written upon the subject, little progress has been made towards putting the curative science of the disease upon a valid basis. I do not believe—at least I give my experience after a period of years at the work—in this constant spraying of plants with, so-called, fungicides and insecticides, in order to get rid of the pests which assail vegetable life. I am convinced that much spraying often leads to further, and in many cases much more serious, trouble. Prophylactic measures are sound practice, but much more than these are necessary. I would ask my readers, however, to bear in mind the fact that the most common predisposing cause to disease in plants—and mildew in particular—is unbalanced plant food. I have found it to be the case all too frequently that mildew has been caused by overdoses of manure in the soil. The rose—once it is thoroughly established in its growing quarters, but not until then—is a gross feeder. Manuring can be overdone. The result is sour soil conditions; humic acid affects the feeding system of the plants; debility ensues as a consequence, and the subject is then unable to resist the attacks of the spores of disease that are almost always present in the atmosphere or soil waiting for a suitable victim as a host for their ravages. What I write now, then, is subject to what has been written in regard to soil conditions. Hygienic soil conditions mean healthy plants.



Our modern roses—that is to say, those kinds which give us pleasure in our gardens to-day—are built upon foundations that are extremely variegated in character. There was a time when we had well developed groups, such as Chinas, Bourbons, Damasks, Albas, Teas, Hybrid Perpetuals, Hybrid Teas, and Polyanthas. These groups are now in an obsolescent state. They are rapidly disappearing, and we now have many valuable roses that cannot be classed under any of the old headings at all. We require a new scheme of classification—it is already overdue—owing to the more advanced system of breeding that is now adopted, and the wider range of subjects that is now chosen for parental purposes. This wider range has resulted in several developments. First of all it has given us new roses; it has produced new colors, a longer flowering period, and a good habit of growth. It has given us susceptibility to new diseases—take Black Spot as an example. It has also given us proof that roses resistant to, if not wholly immune from, disease can be created. Having got our new colors, coupled with the other considerations that are necessary in a new rose in the way of formation and growth, let us examine the advent of what might well be called “Mildew-resistant Roses.”

There are many kinds of roses—old roses, which have served their day—which are absolutely mildew-proof. *Rosa alba plena*, for instance, is a striking example. Little use, however, has been made of that fine old variety for breeding purposes, at least—so far as one can observe—in the up-building of what is known as the Hybrid Tea group. The original varieties of Hybrid Teas were, for the most part, derived from Hybrid Perpetuals crossed with pure Tea Roses, or vice-versa. But during the last decade, as we have already noted, raisers have become more catholic in their choice of parents, and we have entered upon what may be called “an adulterous generation” in the history of roses. What I might call the true Hybrid Teas—first crosses between Teas and Hybrid Perpetuals, such as *Lady Mary Fitzwilliam*—are more or less subject to attacks of mildew. The great majority of the Hybrid Perpetuals are noted for their susceptibility to mildew, and this impressible character has been transmitted to their progeny. The true Tea Roses are remarkable for their resistance in regard to attack by this

disease, and among the older kinds we actually find many that are totally immune. I must confess to a certain fondness for many of the old true Tea Roses. They were discarded, I am inclined to think, in too great a hurry. Their significance is now being fully recognized by all thinking rosarians. Let me give an example of what I mean. *Comtesse de Caraman* (Godard, 1893) is a Tea Rose of undoubted immunity from mildew. It has the proper type of foliage, spines and stems to resist this disease. Its flowers are of an attractive shade of red, and are very pleasing. It is a pretty little rose and I like to see it every season, but, apart from sentimental considerations, it has a significance of its own.

There are many older Tea Roses of a similar character, but I choose *Comtesse de Caraman* to illustrate my meaning. Has it ever—bearing in mind its resistant nature—been used as a parent with an equally well considered mate? Not, as far as I am aware, by those continental raisers who do divulge the parents of their seedlings, and, of course, our leading British raisers keep their pedigrees to themselves. We cannot quarrel with this attitude, but, having eyes, we can see. Again I must give an example. Let us take *National Emblem*. How did our esteemed and worthy friend, McGredy—the big, genial, open-hearted Irishman—obtain that variety? Was it derived from a Tea like *Comtesse de Caraman*, *Francis Dubreuil*, or *Princesse de Sagan*? He alone knows. This much is certain—*National Emblem* is mildew-proof; it is the right type for immunity. It defies the spores of the disease; they can find no congenial resting place on its foliage, stems, or thorns. It may be that Mr. McGredy used *Chateau de Clos Vougeot* as one of its parents. But how was *Chateau de Clos Vougeot* built up? What is its ancestry? Let us go still further in way of illustration. *Lady Plymouth* and *Colonel Oswald Fitzgerald*—both products of the famous house of Dickson, of Newtownards—are two typical roses that present absolute immunity from mildew. They are the type that is now wanted, and it is roses such as these that we must have in future. The rose-growing public must make a demand for that type; that is the only way to encourage raisers to produce them. In these enlightened days a variety that is susceptible to mildew should be condemned at sight.

It is evident that raisers can produce mildew-resistant roses. It may be safely assumed that National Emblem, Lady Plymouth and Colonel Oswald Fitzgerald were not produced accidentally. These raisers are careful and observant men, and know the pedigrees of their seedlings. It may be that the Mendelian law is applicable to rose breeding, and that resistance to disease is a transmittable character which can be segregated and fixed. The modern rose is a very heterozygous entity, but, despite this fact, it is possible that the Mendelian law of inheritance may yet work wonders in the production of resistant varieties. The Mendelian law has proved that we now have a process by which fertilization can be conducted in accordance with fixed laws based on the existence of definite factors. The application of this law proves that one parent must be Dominant and the other Recessive. When homozygous parents are used—or in other words, parents which reproduce themselves from seed true to type without any variation—the factors of both must appear in the second filial generation. One of these must be fixed, and the other must be unfixed in the third filial generation. When two varieties of roses are used for crossing purposes they are, of course, heterozygous—that is to say, they would not, if fertilized with their own pollen, reproduce themselves true to type when the seed was germinated. Despite this, I am almost certain that—up to a point—it will be found that one parent will be Dominant. Seed must be saved from the hybrids and sown, and we then obtain the second generation, in which the factors of both parents will appear. Seed must be saved from the hybrids, or seedlings, again, and in this third generation we might expect to find a certain hybrid that will be a Recessive. I am almost sure that the disease-resisting factor is a Recessive character, and if that be the case, it will be found amongst a certain proportion of the seedlings in the third filial generation. There is hope, then, in breeding. But the breeding must be done by skilled practical men of long experience in the rose world. The scientific men have yet to learn their alphabet in practical work.

The amateur rosarian may rest assured that we are approaching a time when "Mildew-resisting Roses" can be produced with a tolerable certainty, just as we now have

potatoes that are absolutely resistant to the devastating and disgusting black wart fungus. The material in the shape of ancestors lies ready to the hand of the careful and observant raiser of roses in future. Let us examine this material. We have already discussed the potentialities of the Tea Rose. The true China Roses are also mildew-proof. Has anyone ever observed mildew upon such typical China Roses as Old Blush, Cramoisie Superieur, or Rival de Paestum? Some of the typical old Alba Roses, too, are also resistant—*Rosa alba plena* and Maiden's Blush are examples. The original and true types of dwarf Polyantha Roses are immune from mildew. Most of the Hybrid Perpetuals are more or less susceptible to mildew, and as they were largely used in the evolution of the Hybrid Tea section, they have left us a legacy of disease. This is confirmed by a reference to what is known as the race of Wichuraiana Hybrids, or, more popularly, Ramblers. Many of these hybrids, notably Dorothy Perkins and Minnehaha, have been produced by crossing *R. Wichuraiana* with Hybrid Perpetuals. Those that have been so derived are all more or less subject to attack from mildew. But when Tea Roses were used, we find absolute immunity in the hybrids. Take Alberic Barbier, and other varieties with similar foliage, as an example. Emily Gray would be expected to be mildew-proof, and I find it often quoted as resistant. It is my experience, however, that it is an exception to the rule, and it is not unsusceptible. It was not bred from a pure Tea parent.

I now conclude this article by giving a list of some roses that I believe to be strongly resistant to mildew. I do so with considerable diffidence owing, as already stated, to the fact that environment and soil conditions are factors that must be considered in a wide question such as this, and it is possible that some of the sorts on the list may occasionally be touched by disease under certain climatic circumstances. I believe, however, that all the roses hereafter mentioned have the power to throw off the disease as the foliage ages and develops.

#### HYBRID TEAS

(With which are included the so-called Pernetiana Roses.)

Arthur R. Goodwin.  
Christine.

Colonel Oswald Fitzgerald.  
Columbia.



C. V. Haworth.  
 Crimson Emblem.  
 Clarice Goodacre.  
 Dorothy Page Roberts.  
 Duchess of Wellington.  
 Golden Emblem.  
 K. of K.  
 Lady Plymouth.

Mrs. Dunlop Best.  
 Mme. Wagram Comtesse  
                                   de Turenne  
 Mrs. Charles Russell.  
 National Emblem.  
 Premier.  
 Red Letter Day.

General McArthur and Mrs. Wemyss Quin might be put into the above list with all safety, as the former is rarely attacked, and is a good resistant variety. Mrs. Wemyss Quin is only attacked on the flower stems, and then only occasionally. Of highly resistant roses there is a larger list to choose from. They are:—

Cheerful.  
 Edel.  
 Entente Cordiale. Pernet  
                                   Ducher's variety.)  
 Ecarlate.  
 Florence Forrester.  
 Gruss an Teplitz.  
 Joseph Hill.  
 Lady Pirrie.  
 Mrs. Bryce Allan.  
 Mrs. Edward Powell.  
 Mrs. R. D. McClure.  
 Miss C. Forde.  
 Natalie Bottner.

Lieutenant Chaure.  
 Mabel Drew.  
 Mme. Charles Lataud.  
 Mme. Cariste Martel.  
 Mme. Edmee Metz.  
 Mme. Jules Bouche.  
 Mons. Paul Lede.  
 Marquis de Sinety.  
 Mrs. Aaron Ward.  
 Old Gold.  
 Ophelia.  
 Papa Gontier.  
 President Bouche.  
 Waltham Scarlet.

The above list of highly resistant roses is subject to the following reservation: If grown, say, in a garden in which none of the extremely susceptible type, such as Margaret Dickson, Killarney and Lady Ashtown, has a place, all of the varieties mentioned will give but little worry and labor in regard to mildew.

As already noted, I have seen some of the sorts seriously infested with mildew, but they have on such occasions been grown in close association with sorts that contracted the disease very severely. Such susceptible varieties of roses should not be lightly introduced into a garden.

## WICHURAIANA AND OTHER CLIMBING ROSES

The following seem to be totally immune:

Alberic Barbier.	Edgar Andrieu.
American Pillar.	Leontine Gervaise.
Aviateur Bleriot.	Miss Helyatt.
Caprice Rouge.	Paul Noel.
Dr. Henri Neuprez.	Pink Pearl.
Edmond Prousr.	Shower of Gold.

The following are highly resistant forms:—

Blush Rambler.	Lady Waterlow.
Carmine Pillar.	Longworth Rambler.
Climbing Paul Lede.	Mme. A. Carriere.
Effective.	Petit Louis.
Francois Juranville.	Tea Rambler.
Gerbe Rose.	Sander's White Rambler.
Jersey Beauty.	

Most of the true Chinas and the true Dwarf Polyanthas are highly resistant to, if not wholly immune from, mildew.

A word must be said in regard to roses that are to be avoided on account of their extreme susceptibility to mildew. Typical sorts of this unworthy character are:—

Nearly all the old Moss Roses.	Lady Ashtown.
Margaret Dickson.	Mrs. Sam Ross.
George Dickson.	Marie Adelaide.
The Killarney Type.	Mrs. George Shawyer.

The lists which I have given are not to be taken as accurate. I believe, however, that the varieties which I give in the immune lists are to be relied upon as proof against the disease of mildew.

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*AGNES ROSE*

*Rugosa x Persian Yellow. Produced at the Central Experimental Farm,  
Ottawa, by the late Dr. Wm. Saunders.*





## Rose Breeding

at the Horticultural Division, Central Experimental  
Farm, Ottawa

By ISABELLA PRESTON, Central Experimental Farm, Ottawa

It is good news that Miss Preston is taking up the work of rose-breeding again, after so many years having passed since the late Dr. Wm. Saunders first commenced it in Ottawa. Miss Preston has promised to keep us informed as to her work.—Ed.

There is a great need in Canada for more varieties of roses that can be grown easily in all sections, and particularly for some that will be hardy in the colder districts of the country. We need climbers with a long season of bloom that will not winter-kill, but can be left over the arches and pergolas all the year, and in a few seasons cover the supports with masses of bloom like they do in the Old Country. Hybrid Teas that will keep their color under the hot, dry conditions of our summers also are lacking.

What we are trying to do at the Horticultural Division of the Central Experimental Farm, Ottawa, and what I trust will be an easier problem than those I have mentioned, is to cross *Rosa* species and so get new varieties of ornamental shrubs, rather than a rose bush such as one generally sees. Many species are hardy at the Experimental Farm and are very ornamental in flower, foliage and fruit, as well as being practically immune from diseases and insect pests. The blooms are all single and frequently small, but by careful crosses we hope to combine the large blooms of *rugosa* or *microphylla* with the beautiful dark red foliage of *rubrifolia* without losing any of the hardiness or disease resistance of the parents. The tall-growing species may give us something to take the place of *Wichuriana* and *multiflora* hybrids for pillars and pergolas.

The first rose breeding at the Experimental Farm was done by the late Dr. Wm. Saunders, about twenty-five years ago. He made several crosses with *rugosa*, three of which we still have. The best of the three, and I suppose one of the finest *rugosa* hybrids ever produced, is called "Agnes,"

Persian Yellow being the male, parent. The habit of the plant, the texture and color of the leaves, resemble the mother parent. The flower is double and pale amber in color. The form in the bud is good, but poor in the fully open bloom. It is fragrant and blooms very early. "Grace," a hybrid of rugosa and Harrisonii, has much more red in the color of the blooms, which are poor in shape and bud. It is not such a strong grower as "Agnes" and the foliage resembles the male parent. Unfortunately neither of these plants can be used for breeding, as they are apparently quite sterile. "Mary Arnott"—rugosa x Prince Camille de Rohann, is brilliant crimson in color, semi-double and fragrant.

Nothing further was done in rose breeding until 1920, when a start was made again by crossing rugosa with different species. Many of the 1920 seeds have not germinated and we are hoping that some of them will do so next year, as they frequently lie dormant several seasons.

The actual crosses made, that germinated, are as follows:

Rosa rugosa	x R. rubrifolia.
" "	x R. Picta.
" "	x lutea.
" " (hybrid double white)	x R. Spinossissima.
Harrisonii	x R. Spinossissima.
Rubrifolia	x R. rugosa.
Seedling of microphylla	x H. T. Gruss an Teplitz.
Harrisonii, open fertilized.	

We have over seventy of the rugosa x rubrifolia seedlings and the red color of the pollen parent is very noticeable in all except one of them. Those of the reciprocal cross show distinct signs of their hybrid origin also. We sowed a number of open fertilized seeds of polyantha pom-poms, wichuriana and multiflora hybrids. Many of the seedlings bloomed this season and some will probably be worth propagating.

Many of the old-fashioned types of roses are hardy at Ottawa, so this season we used two forms of Damask Rose in our crosses and have seeds of them crossed with rugosa, hybrid teas and wichuriana hybrids. Polyantha pom poms were hand-fertilized, hoping to combine their good qualities of hardiness and ever-blooming with bush and climbing



A remarkable "standard" or tree rose at the University Farm at Point Grey near Vancouver, B.C. This plant is 15 feet high. It was budded on to a Native Species, (*R. Nutkana*) in 1913. Photograph taken July, 1921.





forms. We sowed all the open fertilized seed of *Harrisonii* that we could find in order to get some other varieties of this beautiful rose.

A new rose cannot be made in a day, but we hope to live long enough to produce a rose as good in its place as Marquis Wheat and Melba Apples are in their.

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## Budding Roses on British Columbia Native Stocks

BY F. E. BUCK

Professor F. C. Buck, now of the Dept. of Agriculture, Univ. of B.C., continues to show his interest in and friendship to the R.S.O. by sending us the following interesting article. He has spared himself neither time nor trouble in gaining his information, which necessitated his taking trips into the Province to visit different growers.—Ed.

The budding of roses on to British Columbia native stocks is past the experimental stage. It was first started in the Province as a commercial venture, in the years 1912 and 13, and from the financial standpoint the practice is on the road to eminent success. It is to be hoped that in the course of a few years British Columbia raised roses of a quality and hardiness equal to, and in some cases superior to, imported plants will be procurable in every Province of the Dominion.

From a rough estimate based on statements by the three men in the Province who are commercial pioneers in this work, I estimate that somewhere between 100,000 and 135,000 of these home-produced plants have been grown and distributed during the past six or seven years. This number represents one-third or more of the total number of rose plants distributed in the Province by the various commercial firms.

From the experimental standpoint it is as yet too early to suggest with any certainty what factors are responsible for the unique success attending this venture of raising roses on hitherto untried stocks. We do know that as a rule hardy

native stock will give better results with most horticultural plants than imported stocks. It would be unwise, however, at this stage to state that our native stocks are superior to all others for propagating roses for domestic purposes. As stock for garden roses, the native dog rose of Britain (*Rosa canina*) has stood the test for many generations in all parts of the world where roses are grown. No doubt this stock is equally hardy with B.C. native stock. It is not, however, as vigorous as one of our native roses, viz.: *Rosa nutkana*. This much can be stated, that our native stocks are much superior to Manetti and similar Southern European stocks. The Manetti appears to go back after three years, and some of the other stocks are equally disappointing in similar ways.

The vigor of *Rosa nutkana* is clearly shown by the photograph. The particular plant as illustrated was raised at Essondale in 1913, from a plant found in the woods. This was cut back to the ground level, and only one shoot was allowed to grow, which made the unusual growth of 15½ feet in one season. In July of the same year it was cut back to 14 feet and budded with four different kinds of roses. The plant was moved a few years later to the University Site at Point Grey. The photograph was taken in July, 1921. It measures 15 feet from the ground to the top of the foliage.

The second photograph represents a standard or tree rose of the ordinary height, two years from the bud. The vigor of the stock is clearly shown in the size of the bloom and healthy growth of the plant.

Both of the specimens illustrated in the photographs are growing at the University Site at Point Grey. They are in the charge of Mr. John Davidson, who was formerly Provincial Botanist, and to whom credit must be given for directing attention in the past to the possibilities of using native stock successfully. The original grafting was performed under his direction by Mr. I. Van der Boom.

Mr. Davidson has called my attention to the probability that in some cases *Rosa Nutkana* may prove to be too vigorous for some varieties, resulting in poor reciprocal growth; and my observations have led me to the conclusion that this is a point which must be taken into consideration. Discussing this phase with one of the growers I must add that he



A "STANDARD" ROSE

6 Feet high. Budded on the B.C. Native Rose (*Rosa Nutkana*).  
Second year from bud.





had not observed any poor results, and assured me this stock had been used for both weak and strong growing varieties.

In the successful growing of hardy roses there are other factors which must be taken into consideration; for example, the soil factor is one of them and is of considerable importance, and it is interesting to note that this may play an important part in determining whether British Columbia-raised plants are better suited to Canadian conditions than imported plants. This factor may be important in this connection for the reason that our British Columbia soils, in which the wild roses flourish are not as a rule of such a heavy type as the soils of the British Isles. In many instances, also, they are probably less fertile. This may, therefore, partly explain why rose plants raised on our native stocks are supplied with a good number of fibrous roots as contrasted to the few roots of *Rosa canina*. Our native plants possibly have to forage more for their food and need a greater supply of roots for this purpose. This should make the set back of transplanting much less and the total advantage should be in favor of British Columbia plants.

As already intimated, the work from the practical standpoint has been undertaken by three men, viz.: Messrs. S. Best, J. H. Dean and J. Livingstone. It will no doubt be profitable to record the methods followed by these men in obtaining their results with native grown roses. In the main, their methods are the same, differing only in detail, and are as follows: Cuttings of the three varieties of roses, viz.: *Rosa nutkana*, *R. gymnocarpa* and *R. pisocarpa*, are taken during the winter months, over a period generally extending from November to February. Six or seven bud cuttings are made and carefully disbudded to leave but three buds. These are healed in, sometimes outside, sometimes in a hot-bed and sometimes in a cool greenhouse. In late March and April they are planted out into a field in rows 3 feet apart, and about 8 inches between each cutting. They are budded towards the end of July of the same year. The following Spring they are cut back to the bud, and invariably 90% to 95% produce healthy plants. These plants are ready to dig for the Fall trade by October or November of the

same year; although in some cases a few are left over for the following year.

With regard to stocks in general, it is interesting to note that Mr. Livingstone who is fond of experimenting, has tried several new imported stocks, and the one of which he thinks a good deal is Rosa Laxa, described by him as of Siberian origin; but on looking up the percentage I find that it really comes from Turkeystan and Songaria. He has also had some stock sent in from the Yukon, but both this and Laxa are in his opinion very similar, Rosa Laxa having this advantage, that it is a good stock for a dry climate.

I wish to conclude this brief review of rose growing in British Columbia by acknowledging my indebtedness to the various men mentioned in this article for information with which they have supplied me, and to restate several important points: (1) Rose growing on native stocks is already a successful and financially profitable fact. (2) It is after all only in its beginning stages. (3) From the experimental standpoint most of the work is still ahead. (4) There is a possibility that it will develop into an important commercial industry in the Province, and that from some of our hardiest varieties we may be able to produce still hardier which will prove to be successful for Prairie conditions.

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NOTE.—The statement that most of the experimental work “is still ahead” is not a contradiction to the first sentence of this article. No experimental work has been undertaken so far in connection with grafting vs. budding; the relative values of the different varieties of our native stocks; most suitable dates for planting; types of soils, etc. As soon as additional funds and equipment are available, it is expected that this work will be included in the programme of experimental work to be undertaken by the Horticultural Department on the University Farm at Point Grey.

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## The Newer Climbing Roses

by HERBERT L. WETTERN, Oxted, Surrey

Mr. Wettren is one of the most distinguished Rosarians of the present day, having repeatedly won the Amateur Championship of England. Although a great prize-winner, he is not one who believes that all the Gold Medal Roses are the best ones; on the contrary, he considers that the first duty of a rose is to grow well, especially in the amateur's garden. Anything from his pen is therefore of no small value.—ED.

To judge by letters received from friends in Canada about their rose-growing experiences, which show how up-to-date they are in obtaining and growing most of the new roses, it may be a presumption to pen a few lines of suggestion and guidance on this subject, for perhaps some Candian enthusiasts have had more experience than amateur growers in the Old Country. One must risk this, however, and write for the benefit of those who are not able to grow the latest novelties.

To digress for one moment on the general subject of climbing roses, the need for them, and the best ways to grow them. They are undoubtedly a necessity, for rose gardens would be too flat and uninteresting altogether without them. A number of rose beds set in grass, or with gravel or stone paths, with no roses above the eye level would be equivalent to a picture of mountain scenery without the mountains.

The most general use for climbers is for arches and arbours; sometimes they are just tied up loosely to posts or to strands of wire between posts, to form hedges, etc.; and although such methods of treatment have been characterized as "crucifying" the roses, yet when once the latter become established there is no other more simple or more beautiful method of exhibiting the glories of the blooms and at the same time giving the plants fair treatment.

As weeping standards they make a grand display, but for this purpose only the best wichurianas should be used, for the stiff growth of climbing H.T.'s is altogether unsuitable.

During the last years, due no doubt to the stagnation of the rose-growing industry owing to the War, not many new varieties have been put on the market, though there are some

good things worth trying, and prospects of what is in store seem very promising.

In 1918 only two new climbers appeared, viz.:

**"Emily Gray"** (Hyb. Wich.), raised by Dr. A. H. Williams, and marketed by B. R. Cant & Sons. It is a large-flowered yellow wichuriana with beautiful glossy foliage almost like berberis. It won the N.R.S. Gold Medal and also the Cory Cup, so has secured the highest awards possible.

**"Mermaid,"** which was similarly doubly rewarded, is a Hybrid Bracteata produced by Wm. Paul & Son. Also a single flower, sulphur yellow in color, and a perpetual bloomer. The blooms are large, some of them running to five inches in diameter. The foliage also is specially good, being a shining deep green, and the young shoots are tinged dark red. Its hardiness is questionable, our experience here being that it dies back and gets weaker each year.

In the year 1919 four new climbers were put on the market, and the best of them is:—

**"Romeo"** (Hyb. Wich.), from Walter Easlea & Son. This is a magnificent grower, with masses of bloom in big trusses. It is said to resemble a miniature Liberty, but the comparison is hardly admissable, and such a qualification has not been confirmed here. At any rate it is an improvement on "Excelsa," being fuller and the blooming season lasting longer. The summer of 1921 was rather hot for it, and the blooms suffered somewhat in discoloration, but the year 1920 suited plant and blooms to perfection.

**"Coralie,"** also a Hyb. Wich. from Wm. Paul & Son, is fairly strong, and its chief point of novelty is its color, which is best described as coral-red to pink, not unlike the color of Lyon.

**"Climbing H. V. Machin"** (H.T.), from Hugh Dickson, Ltd. Although described as a strong grower, such has by no means been our experience, in fact the growth is disappointing and weak, even for a dwarf H.T. Here the result of a year's growth was a total height of thirty inches, with no sign of a bloom. Certainly these climbing sports of H.T.'s



have a reputation for not always climbing, and perhaps ours was unfortunately a non-starter, although purchased direct from the producer for my Testing Garden. It may do better this year.

**"Beaute Orleanaise"** (Hyb. Wich.), from Turbat & Co. This also has proved disappointing, except for one good point, viz., its beautiful foliage in the Spring—bright shining green, with red stems and thorns. It is a very late bloomer, creamy white, with light pink shading, very similar to "White Dorothy," but not so good or so clean.

For such new varieties there is little use; they are too much alike, and are by no means so good as what we have already got.

The 1920 varieties have not been tried here yet, although they are now planted and will be reported upon twelve months hence. The descriptions therefore are from the raisers, and from other growers, both amateur and professional, who have already got them:

**"Climbing Ophelia"** (Cl. H.T.), produced by Alex. Dickson & Sons. This looks a strong grower indeed, and if it turns out as it promises it should be a valuable acquisition, being identical with the dwarf variety as regards blooming.

**"Irene Bonnet"** (Cl. H.T.), by C. Nabonnand. A strong climber with full blooms, rosy pink on outside petals, and salmon-colored inside. Sweetly scented is also a point in its favor.

**"Jacotte"** (Hyb. Wich.), from Barbier & Co., is an offspring of Arthur R. Goodwin and Rosa Wichuriana. Color is coppery salmon on yellow base, semi-double, and deep green foliage.

**"Climbing Chateau de Clos Vougeot"** (Cl. H.T.), by H. Morse, is reported to be a strong growing sport of the well-known dwarf, but whether it will also inherit its parents' defect of sending out horizontal shoots only, remains to be proved.

**"Havering Rambler"** (Multiflora), produced by the Rev. J. H. Pemberton. It is some years since a new multiflora

has been marketed, but this should be an acquisition, with blooms of almond blossom color produced in large clusters.

For 1921 two new climbers are at present reported, viz.:

**"Yvonne"** (Hyb. Wich.), from Frank Cant & Co. This has already secured the double award of the N.R.S. Gold Medal and the Cory Cup. The blooms are of a pink shade, in large trusses carried loosely—not stiff as too many "wiches" are. For decorative effect this lightness is a decided advantage. The foliage is glossy and mildew proof.

From Frank Cant & Co. one hears rumors of yet another new climber, called **"Snowflake,"** which in name, at any rate, should appeal to hardy Canadians, who should know something about snowflakes.

**"Climbing Madame Edouard Herriot"** (Cl. Pernetiana), from Ketten Freres of Luxembourg, should be a good thing if a true climber, and as profuse a bloomer as its dwarf namesake.

There is plenty of scope for further novelties, particularly in the direction of combining the bright yellow of *Rosa Lutea* with the *Wichurianas*, and also producing reliable climbing varieties of all the best new dwarfs.

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## The Rose Analysis

The Society is attempting to draw up its own Rose Analysis, which, on account of climatic conditions, etc., will obviously differ somewhat from that of the National Rose Society, parts of which were reprinted in our year Book of 1921. The first steps taken in this direction were the sending out of cards to the members with a request to fill in the names of the ten roses doing best in their gardens. The response to this has been rather disappointing in two respects—only 35 members returned their cards, and no particularly new roses appear on the list. However, we have made a start and it is to be hoped more interest will be shown in this department next year.

Frau Karl Druschki, appears to be the prime favorite on this side of the Atlantic (at least in Ontario) as well as on the other, for its name heads the list with five more votes than any other variety. No rose with less than six votes has been included.

The results were tabulated as follows:

Position	Name	No. of Votes
1	Frau Karl Druschki.....	20
2	Gruss an Teplitz.....	15
3	Madame E. Herriot.....	12
4	Mrs. John Laing.....	11
5	Richmond.....	10
6	Ophelia.....	10
7	Caroline Testout.....	10
8	General McArthur.....	8
9	J. B. Clark.....	8
10	Ulrich Brunner.....	7
11	Killarney.....	7
12	Lady Alice Stanley.....	6
13	Betty.....	6
14	Joseph Hill.....	6
15	La France.....	6

In addition to this, the Publications Committee have made a more recent effort to discover from members in different districts, the "Six Best Roses," in their opinion, and the reasons for so thinking. Great shyness to appear in print seems to prevail amongst the members, and we have only succeeded in eliciting a response from six districts. These lists, however, are valuable in themselves and will, we hope, give impetus to the idea, and so lead to a fuller result next year.

We start off with Mr. J. B. Spencer's list for Ottawa:

In the Flower Shows held by the Ottawa Horticultural Society in 1920, blooms of twenty-one varieties of roses won first prizes. This list included chiefly hybrid tea varieties,

but also a number of hybrid perpetuals. This experience, which is repeated year after year in Ottawa, disproves the opinion held by many rose writers that only hybrid perpetuals can be grown successfully in Canada. When asked to prepare a list of the six best roses for the Ottawa District, I was confronted with a difficult task, because several lists of six really good roses, perhaps about equally valuable, could have been compiled. I therefore hit upon the plan adopted by the American Peony Society when it undertook to find out the most popular varieties of peonies grown in the United States. I made a canvass of most of the extensive rose growers in Ottawa, asking them for the same information as I had been requested to provide. Answers to a questionnaire have been received from nine of these growers, who together have recommended no less than thirty-five varieties, nearly all of which are highly recommended for hardiness, productiveness and quality of bloom. Acting on the advice of several of my correspondents, I shall set down two lists, one for beginners and the other for more experienced growers.

It is recognized that hybrid perpetuals are most easily grown and when carefully selected, provide much pleasure to the growers. My selection of varieties is based upon the popular votes of the growers. In hybrid perpetuals **Frau Karl Druschki** stands at the head with seven votes. Every rose grower is familiar with this snow-white rose. It is highly prolific and in quality of bloom it is unsurpassed with one exception, that it has no fragrance. It is a hardy and vigorous grower and is only slightly subject to mildew. I have never found it necessary to treat this rose for spot.

**Hugh Dickson** received a sixty-six per cent. vote. If this rose was a little more productive, it would lack nothing in the hybrid perpetual list. It bears a fairly large crop, in June and July, of perfect blooms of the most entrancing dark red. As a cut flower it holds its form and color unusually well.

**Mrs. John Laing** should find a place in every beginner's garden and few would have courage to displace it in after years. Its productivity is one of its special features. In this respect it equals many of the hybrid teas and gives especially



fine bloom in the autumn. Having a fairly smooth stem it is comfortably handled. It is, unfortunately, a ready victim to the rose midge, which damages many of the blooms during the hot period of the summer by perforation of the petals. This rose, like Hugh Dickson, is highly fragrant.

**J. B. Clark**, sometimes classed as a hybrid tea, but with unmistakable hybrid perpetual qualities, is one of the most vigorous growers. It is very productive during the main crop season and gives fair return in the autumn. This is a very difficult rose to beat in competition.

**Ulrich Brunner** and **General Jacqueminot** were equally popular according to the votes of the Ottawa growers. The former is credited with producing the largest blooms. It is a fragrant rose though not overly prolific. If not pruned too heavily and the tips of the branches tied down, this rose reproduces a wealth of magnificent bloom along its sturdy stems. **General Jacqueminot**, although one of the older roses, evidently retains its popularity.

If turned down and given only slight protection in winter any of the hybrid perpetuals named will come through in vigorous condition.

Having become successful with any of the above excellent varieties, gardeners will then naturally take up the more hardy varieties among the hybrid teas. These have the advantages of more continuous bloom as well as making it possible to grow a larger number of varieties in a limited area. In the order named the hybrid teas are most popular in the Ottawa district: **Gruss an Teplitz**, **Lady Ashtown**, **George Dickson**, **Madame Jules Bouche**, **Radiance**, **Jonkeer J. L. Mock**. The last three have equal standing in the votes accorded them.

**Grus an Teplitz**, though a most persistent worker, is not recommended for cut flowers. It is highly decorative in the garden inasmuch as the flowers are borne in clusters, are a peculiarly beautiful scarlet and highly fragrant. It is quite hardy and not subject to disease.

**Lady Ashtown** is classed as an exhibition rose. In the bud form it is particularly beautiful and opens well. It is

very floriferous and a continuous bloomer. Even in the climbing form this rose is a great success.

**George Dickson** is one of the darkest of roses and very large and fragrant. It has the weakness of a drooping head and is not as productive as one would wish. Those who have tried this rose would be loath to give it up.

**Madame Jules Bouche** is a rose of excellent constitution and a profuse bloomer. It ranks in hybrid teas with Frau Karl Druschki in the perpetuals. In the course of the season it will produce perhaps twice as many blooms as Druschki and has more perfume.

**Radiance** is a rose of strong growth and splendid constitution. During the course of the season it produces a wealth of light silvery flesh blooms. It is one of the least susceptible to mildew and spot.

**Jonkeer J. L. Mock** has repeatedly won prizes at the Ottawa shows. It is quite hardy, fragrant, and has the distinction of presenting decidedly different shades on the front and back of the petal, the latter being a silvery pink and the former a decidedly darker shade.

The roses listed can, without doubt, be grown anywhere in what is known as Old Ontario. If earthed up eight or ten inches in the fall and the canes bent over, there is very little loss unless during a season of protracted low temperature without snow covering.

No attempt has been made to analyze the popularity of climbing roses. The most commonly grown is the old **Crimson Rambler**, but it is rapidly giving way to finer varieties on account of its susceptibility to loss of foliage in the latter part of the summer, from mildew and other causes. The **Philadelphia Rambler** is becoming quite popular, as are also **Tausendschon** and the **American Pillar**.

I am personally anxiously awaiting the next rose season when I hope to enjoy the bloom of Dr. W. Van Vlet, that made fine growth of wood last year after being planted two years.

If only six roses are to be planted in parts of Canada with a climate similar to that of the Ottawa district, my choice would be Frau Karl Druschki, Mrs. John Laing, J. B. Clark, Gruss an Teplitz, Lady Ashtown and Radiance. With such a collection one should be able to compete successfully at the Rose Shows and enjoy bloom on his table from the end of June until frost casts its blighting influence over the garden.

Dr. A. H. Rolph, growing roses in a small garden in the heart of Toronto, reports that the following have been tried over a number of years and have proved thoroughly satisfactory: Lady Ashtown, Lady Pirrie, Lady Alice Stanley, General McArthur, Mrs. Aaron Ward, Joseph Hill, Louise C. Breslau, Mme. E. Herriot, Margaret Dickson Hamill, Frau Karl Druschki, Hugh Dickson, Mrs. John Laing.

Among climbers, Tausendschoen has been an easy first, while Excelsa and Dorothy Perkins have made a wonderful show. Two large-flowered pillar roses, climbing Lady Ashtown and Kathleen Harrop, have been very successful, the latter being a pale pink sport of that remarkable rose, Zephirine Drouhin.

Mr. A. D. Heward, of Oakville:

In giving the names of six roses, I can not say that they were my best six last season; neither am I sure that I did not like some others better, for in these winter months I find it hard to recall names of many beautiful roses.

However, the six which I mention were good and I think always will be, and they all seem to be hardy.

I place them thus: Lady Ashtown, Ophelia, Caroline Testout, Frau Karl Druschki, Gruss an Teplitz and Duchess of Wellington.

**Lady Ashtown.** I like on account of color, pink being my favorite color in roses. The bud of Lady Ashtown is long and borne on a strong stem, with good foliage and is beautiful in the house.

**Ophelia.** One of the best for cutting; beautiful bud, many of them are flesh color.

**Caroline Testout.** Very hardy, strong grower, many blooms and a shape of their own.

**Frau Karl Druschki.** Pure white, without a rival for color, strong grower and very large rose.

**Gruss an Teplitz.** Hard to find a better rose for scent, very hardy; quantities of bloom, which last till frost. Red in color and fine for cutting.

**Duchess of Wellington.** Yellow is a hard color to obtain. I like a good yellow and although the shade of this rose is not very deep, it is one of the best. Very beautiful and is a very free bloomer.

We then borrow from Miss Strudley's (Woodstock) article in the 1921 Year Book, "Favorite Roses":

**J. B. Clark,** (bright red) the best out of a list of 125 varieties.

**A. R. Goodwin** (yellow), excellent, and immune from mildew.

**Geo. Dickson,** an excellent exhibition rose, and without which no garden would be complete.

**Mrs. Amy Hammond,** light pink, and **Lady Ashtown,** deeper pink, both fine roses, and should be in every collection

**Candeur Lyonnaise,** creamy white, the outstanding white rose, with good shape and fine perfume."

From Mr. A. Kirkness, of the Civic Rose Garden, St. Catharines, we hear that he, with others, finds it difficult to pick six of the best roses from a garden whose splendid conditions have resulted in all the varieties planted doing well. He names the following six, however, as being especially strong growers, with abundant bloom:

**Duchess of Wellington,** H.T. yellow).

**Lady Hillingdon** (T. yellow).

**Gen. McArthur** (H.T. scarlet).

**Willowmere** (H.T. pink).

**Madame Jules Bouche** (H.T. white).

**Mrs. Henry Winnett** (H.T. scarlet).



From Mr. Lionel Godson, Niagara-on-the-Lake, we hear:

It is an extremely difficult task to pick out six roses that do best in our rose garden at Niagara-on-the-Lake, the fact being that most of them do well there.

However, in choosing the following, I have considered their immunity from disease, vigorous growth, perfection of form, lasting qualities and succession of bloom.

**Columbia**, first and foremost, full of perfume, firm of texture, and great lasting properties; **Ophelia**, **Premier**, **Sunburst**, **Lady Alice Stanley** and I cannot forget my favorite H.P. (that queen of white roses) **Frau Karl Druschki**, which has won for me so many prizes.

The soil of the garden is clay loam, it is exposed to the sun from all angles, protected from high winds by hedges, and from its proximity to the lake, receives its moisture. These conditions are all favorable to successful rose growing.

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## Gold Medal and Certificate Roses for 1921

Rev. F. Page Roberts, H.T. (B. R. Cant & Sons), Gold Medal, 1920. A fine Rose, of vigorous habit, with good-shaped blooms carried on long stiff stems, colour, orange-yellow lighter at edge of petals; good exhibition or garden Rose, sweetly scented.

Princess Victoria, H.T. (S. McGredy & Sons), Gold Medal, 1920. A vigorous-growing Rose of the Queen Alexandra type; blooms large and globular, with broad petals; colour, deep red overlaid with scarlet; fragrant.

Mrs. John K. Allen, H.T. (Hugh Dickson), Gold Medal, 1920. An enormous bloom, fully up to exhibition standard, the petals shell shaped; colour, pale salmon pink; vigorous growth and free from mildew.

Marjorie Bulkeley, H.T. (Hugh Dickson), Gold Medal, 1920. A perfectly formed Rose with high-pointed centre; colour,

very pale flesh pink, tinted orange, dark green foliage; fragrant.

Una Wallace, H.T. (S. McGredy & Sons), Gold Medal, 1920. A fine Rose of vigorous upright growth, blooms well formed, carried on long stiff stems; a good exhibition and garden Rose; fragrant.

Courtney-Page, H.T. (S. McGredy & Sons), Gold Medal, 1920. A good bedding, exhibition and garden Rose, robust habit, bloom highly built tapering to a point; colour, brilliant dark crimson; fragrant.

The following were awarded Certificate of Merit:

Padre, H.T. (B. R. Cant & Sons), N.R.S., 1920. A good-shaped cerise-cherry colored Rose; after the Pernetiana Class.

Constance Casson H. Pernet (B. R. Cant & Sons), N.R.S., 1920. A Rose superior to "Gorgeous," having petals with more substance; bright foliage, pretty golden colour; fragrant.

Mrs. Curnock Sawday, H.T. (E. J. Hicks), N.R.S., 1920. A vigorous grower with bright green foliage, well-shaped blooms on long stems; colour, pale blush pink; a good garden Rose; fragrant.

J. G. Glassford, H.T. (Hugh Dickson), N.R.S., 1920. A very large well-shaped bloom, high pointed centre; rich carmine colour; very sweetly scented; good as exhibition or garden Rose; free from mildew.

Lady Maureen Stewart, H.T. (Alex. Dickson & Sons), N.R.S., 1920. A fine vigorous garden Rose; the medium-size blooms are abundantly produced and a good shape, on erect stems; colour, a vivid scarlet-crimson; fragrant.

The Editor of the National Rose Society states that owing to the climatic conditions a number of the new varieties staged for an award fell below the average.

In his opinion the best Roses for the year were: Una Wallace, Marjorie Bulkeley, Lady Maureen Stewart and Courtney-Page.

## Rose Pests and Diseases

## INSECT ENEMIES, (I) Sap Suckers

NAME	APPEARANCE	SEASON	SPRAY
Rose Scale	A white scale upon the stem. Under this the insect lives and breeds.	Spring and Summer	Spray in early Spring and late Autumn with lime sulphur or whale oil soap. Abol Solution.
Aphis or Green Fly	Small green flies with and without wings, appearing in dense masses on leaf, bud and stem.	From Spring throughout the Summer	Strong washings with water from the hose, squeezing between thumb and finger. Whale oil soap, weak solution of nicotine (2 teaspoonfuls to 1½ gals. of water).
White Fly	Appearing in crowds upon the back of the leaves.	Summer	Soft soap (English, obtainable at Lynnaus), in weak solution (1 tablespoonful to 1 gallon), dissolve with warm water and add cold. Whale oil soap, prepared the same way or Abol solution.

## DEVOURING INSECTS

The Rose Grub or Maggot	The larva of a small tortux moth which rolls itself into a leaf or between leaves which it rolls together and, under cover, crawls into the bud.	June	Press the leaves so rolled between finger and thumb. Spray with Arsenate of Lead (unsightly).
Rose Slugs	Soft and shapeless and green. Bats holes in leaves or skeletonizes them.	June	Knock them off with the hose. Spray with the following decoction: A handful of quassia bark soaked over night in two gallons of water. Strain off and add 1 tablespoonful of soft soap.
American Rose Beetles	Bury themselves in the flowers.	June	Difficult to destroy. Try half a pound of whale oil soap to 1 gallon of water.
Rose Leaf Hopper	A white or green insect known by its hopping movement when the leaves are touched.	June and July	Weak nicotine solution.
Caterpillars of Many Kinds	Differing in color and size.	All through Summer	Whale oil soap in weak solution, fir tree oil, 1 tablespoonful to 2 gals. of water, or Arsenate of lead

## FUNGUS DISEASE

NAME OF FUNGUS	APPEARANCE	SEASON	PREVENTATIVE SPRAY
Rose Mildew	First, downy mildew on the leaves. Second, felt-like patches on the stems.	Spring and late Summer	Bordeaux Mixture; spray can be bought at most druggists. Sulphur or arsenate dust, 90 parts sulphur, 10 parts arsenate of lead, first ground together and dusted on.
Rose Leaf Rust	Powdery orange spores succeeded by black specks on the under surface of the leaf.	Late Summer	
Rose Leaf Scorch	Brown patches which, falling out, makes holes in the leaves.	Autumn	Paint with Stockholm tar (Dr. Gussow).
Black Spot	Black patches with a fringed border on the leaves		
Purplish Rose Canker (not to be confounded with ordinary Rose Canker which is a physiological condition).	Ragged and swollen lumps growing upon and deforming the stem—first appearing as a red patch upon the bark.		

Always remember that lady birds are the friends of the Rose.

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Mr. William M. Miskelly.....	60 Pine Crescent
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Mr. Albert Maccoomb.....	16 Johnston St.



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Mrs. L. H. Clark	6 Claren Ave. East

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Mrs. C. B. Darling.....	350 St. Clair W., Apt. R.
Mr. John Davidson.....	21 Seventh St., Chatham, Ont.
Dr. T. A. Davies.....	578 Sherbourne St.
Mr. F. D. Davis.....	Ouelette St., Windsor, Ont.
Mrs. W. S. Davis.....	Oakville, Ont.
Col. F. H. Deacon.....	2 Elm Ave.
Mrs. M. E. Dean.....	561 Avenue Road
Col. J. M. Delamere.....	24 Cecil St.
Mr. Wm. Dennett.....	171 Heward Ave.
Mrs. M. Dennison.....	55 Prince Arthur Ave.
Mrs. D. B. Dewar.....	136 Bold St., Hamilton, Ont.
Dr. J. C. DeWitt.....	Bowmanville, Ont.
Mr. S. C. DeWitt.....	172 John St.
Mr. R. J. Dilworth.....	15 Wellington St. West
Mr. Thomas D. Dockray.....	Crown Life Building
Mrs. E. B. Donaldson.....	7 McMaster Ave.
Mr. Wm. M. Douglas.....	64 South Drive
Mrs. J. W. Drynan.....	74 Lowther Ave.
Mr. T. W. Duggan.....	Dale Est., Brampton, Ont.
Mr. W. Duggan.....	134 Riverdale Ave.
Major P. J. A. Duff.....	203 Rushton Road
Mrs. A. J. Dunn.....	59 Harvard Ave.
Mr. Kendrick Dunn.....	120 King St., St. Catharines, Ont.

Mr. J. H. Dunlop.....	Richmond Hill, Ont.
Mr. Frank Dunlop.....	Richmond Hill, Ont.
Mrs. Geo. H. Dyer.....	726 Dovercourt Road
Lady Eaton.....	"Ardwold," 480 Davenport Road
Mr. H. D. Eby.....	35 Cluny Ave.
Mrs. W. P. Eby.....	7 Whitney Ave.
Miss Helen Edmison.....	629 Euclid Ave.
Mr. Thomas Edwards.....	1077 St. Clair Ave. West
Mrs. W. J. Elliott.....	57 Walmer Road
Mrs. H. A. Ernst.....	New Hamburg, Ont.
Mr. R. F. Esson.....	37 Wilcocks St.
Miss A. L. Evans.....	Trenton, Ont.
Mrs. F. P. Evans.....	581 Huron St.
Mrs. H. S. Falls.....	96 Talbot St., Simcoe, Ont.
Mr. H. Farthing.....	840 Palmerston Ave.
Mrs. George Fensom.....	84 Chestnut Park Road
Mr. W. T. Ferguson.....	85 John St., Smith Falls, Ont.
Mr. J. B. Ferguson.....	180 Warren Road
Mrs. W. H. Ferguson.....	16 Woodycrest Ave.
Mr. W. H. Ferguson.....	16 Woodycrest Ave.
Mr. C. E. Fice.....	458 Euclid Ave.
Mr. C. R. Fitch.....	Fort Francis, Ont.
Mr. John G. Fleming.....	47 Hammersmith Ave.
Mr. Herman Fletcher.....	619 Avenue Road, No. 22 Apt.
Mr. H. W. Fleury.....	Aurora, Ont.
Mr. F. R. Pollett.....	98 Yonge St.
Mr. Wm. Claud Fox.....	119 Glen Road
Mrs. W. Claud Fox.....	119 Glen Road
Mr. Robt. Foxton.....	71 Hiawatha Ave.
Dr. M. Fraser.....	York Mills, Ont.
J. F. Fulton.....	166 Annette St.
Mr. H. Gagnier.....	c-o Saturday Night
Miss Mildred Galbraith.....	97 North Cliff Blvd.
Mrs. John Garvin.....	214 Russell Hill Road
Mr. W. T. Gemmell.....	95 South Waterloo St., Stratford
Mrs. G. W. Gibbard.....	Napanee, Ont.
Mrs. A. R. Gibson.....	199 Heath St. W.
Mr. E. H. Gibson.....	68 Elsworth Ave.
Mr. A. Gilchrist.....	434 Runnymede Road
Mrs. J. Gilchrist.....	2165 Dufferin
Mr. D. B. Gilles.....	47 Dinnick Crescent
Mrs. Thomas Gilmore.....	171 St. George St.
Mrs. J. W. Gilmore.....	138 Bedford Road
Mr. A. M. Glassco.....	c-o Glassco Macpherson Co., Hamilton, Ont.
Mr. H. B. Given.....	381 Lansdowne Ave.
Mrs. H. B. Given.....	381 Lansdowne Ave.
Mrs. J. M. Godfrey.....	72 Lowther Ave.
Miss Ethel Godson.....	80 Avenue Road
Mr. Lionel Godson.....	80 Avenue Road
Miss E. Gordon Gordon.....	221 George St.
Mrs. N. Gordon.....	290 Simcoe St.



# LIST OF MEMBERS

65

Mr. Edward Gosse.....	108 Wheeler Ave., Kew Beach
Mr. E. Grainger.....	1360 Yonge St.
Mr. W. T. Graham.....	3 Indian Grove, Road
Mr. A. E. Grant.....	Woodstock Ont.
Mr. H. A. Gray.....	97 St. Vincent St.
Mrs. Wm. Greening.....	51 Dunvegan Road
Mr. F. L. Green.....	Greenwood, Ont.
Mrs. L. A. Dunnington-Grubb.....	34 North St.
Mr. R. G. Grubb.....	19 Galley Ave.
Mr. A. E. Guest.....	212 King St. West
Mr. J. H. Gundy.....	43 Russell Road
Mr. John T. Gundry.....	
Mr. H. E. Guppy.....	77 Sandwich St. W., Windsor
Mr. W. D. Gwynne.....	27 Dunbar Road
Mr. C. S. Gzowski.....	60 Glen Road
Mrs. Thos. Hague.....	Smiths Falls, Ont.
Mr. Paul Hahn.....	514 St. Clair Ave. W.
Mr. E. F. Hall.....	Florence, Ont.
Mrs. Wm. Hallman.....	51 Blenheim Rd., Galt
Mr. U. C. Hamilton.....	19 Baby Point
Mrs. J. Hampton.....	5 Scarboro Road
Mrs. F. M. Haoll.....	Mimico Beach, Ont.
Mrs. F. W. Harcourt.....	41 Spadina Road
Miss Harcourt.....	41 Spadina Road
Mr. Richard M. Harcourt.....	158 Blythwood Rd.
Mrs. R. T. Harding.....	
Mrs. James Hardy.....	324 Spadina Road
Mr. E. A. Hardy.....	81 Collier St.
Mr. John Hargreaves.....	35 Pinewood Ave.
Mr. A. H. Harkness.....	330 St. Clarens Ave.
Mr. R. Dawson Harling.....	106 Springhurst Ave.
Mr. W. E. Harper.....	14 Albany Ave.
Miss J. R. Harris.....	450 Pape Ave.
Mr. Thos. Harrison.....	Weston, Ont.
Mrs. S. R. Hart.....	155 Glenholm Ave.
Mrs. W. J. S. Hartwell.....	26 Alexander St.
Mr. J. Harvey.....	18 Wright Ave.
Mr. J. S. Harvey.....	Exeter, Ont.
Mrs. Edward Hay.....	43 Castle Frank Road
Miss Hay.....	43 Castle Frank Road
Mr. J. L. Hay.....	77 Light St., Woodstock, Ont.
Mrs. John D. Hay.....	43 St. George St.
Mr. E. Haynes.....	109 Castle Frank
Mr. Henry Hedgcock.....	482 Roxton Road
Mr. Wm. Heap.....	Wallaceburg, Ont.
Mrs. I. F. Hellmuth.....	"Strathallan, Allandale, Ont.
Mrs. W. J. Hemming.....	114 Madison Ave.
Mr. Hendershott.....	Mt. Forest, Ont.
Mr. Eric Henderson.....	Mt. Forest, Ont.
Mrs. Joseph Henderson.....	155 Crescent Road
Mr. J. Henderson.....	155 Crescent Road

Mrs. T. B. Henderson.....	88 Spadina Road
Mrs. P. E. Henderson.....	"Purbrook, Snowdon Que.
Mr. Thos. Hepburn.....	Preston, Ont.
Mrs. James Heveron.....	Waterloo, Ont.
Mr. F. A. Hewson.....	501 Euclid Ave.
The Rev. Canon G. E. Hill.....	Goderich
Miss C. E. Hillary.....	90 Millwood Rd.
Mr. H. Hillier.....	Oak St., Grimsby, Ont.
Mr. Albert Hitchcock.....	Wilton Farm, Oakville, Ont.
Miss L. Hodgson.....	18 Foxboro Rd.
Mrs. J. B. Holden.....	31 Roxboro Drive
Mr. J. B. Holden.....	31 Roxboro Drive
Mr. E. J. Holman.....	Holmleigh Gardens, Scarborough
Mrs. Harry Hooper.....	548 Huron St.
Mr. Harry Hooper.....	548 Huron Sr.
Mr. L. E. J. Hopkins.....	Port Colborne
Mrs. Stewart Houston.....	320 St. George St.
Mr. W. H. Howard.....	9 Lessard Ave.
Mr. Chas. C. Hughes.....	57 Simpson Ave.
Mrs. E. C. Hurley.....	91 Rose Ave.
Mr. A. H. Hughes.....	20 Herbert St.
Mr. F. J. Hughes.....	Pefferlaw, Ont.
Mr. Robert E. Hughes.....	Williamsville, N.Y.
Mr. W. R. Hughes.....	45 Richmond
Mrs. W. Pemberton Hughes (Summer).....	"Graystone, Islington, Ont.
Mr. Frank M. Hulbig.....	34 Binscarth Road
Mr. V. G. Hutcheson.....	78 Grosvenor
Mrs. James Ince.....	60 Dunvegan Rd.
Mrs. Charles E. Innes.....	Union St., Simcoe, Ont.
Mr. James Innes.....	Chatham, Ont.
Mr. George Irving.....	66 Spadina Road
Mrs. J. H. Jackson.....	83 Woodlawn West
Miss Henrietta Jardine.....	119 Rusholme Road
Mrs. A. E. Jarvis.....	34 Poplar Plains Rd.
Miss Bertha Jarvis.....	34 Prince Arthur Ave.
Mrs. Starr Jarvis.....	135 Balmoral Ave.
Mrs. A. H. Jeffery.....	68 Forest Hill, Road
Mrs. John Jeffrey.....	78 Warren Road
Mr. Thos. Jenkins.....	62 Roxborough St. West
Mrs. A. C. Jennings.....	36 Pleasant Blvd.
Mrs. David Johnson.....	429 Palmerston Ave.
Mr. David Johnson.....	429 Palmerston Ave.
Mrs. E. F. B. Johnstone.....	64 Bernard Ave.
Mrs. Geo. E. Jones.....	112 Queen St., St. Catharines, Ont.
Mr. J. H. H. Jury.....	Bowmanville, Ont.
Mr. E. Kay.....	34 North St.
Mr. D. Kelley.....	780 Dovercourt Rd.
Mr. Marsden Kemp.....	153 Collingwood St., Kingston, Ont.
Mr. Fred A. Kent.....	207 Kent Bldg., Yonge St.
Mrs. A. M. Kincade.....	459 Concord Ave.
Miss J. L. Kirkham.....	

# LIST OF MEMBERS

67

Mrs. W. H. Knox.....	59 Walmer Road
Mr. W. A. Knox.....	Port Credit
Miss Margaret Laidlaw.....	32 N. Sherbourne St.
Mrs. Alexander Laird.....	48 Cluny Ave.
Miss Margaret Laird.....	48 Cluny Ave.
Mr. J. Langley.....	45 Parkway Ave.
Miss C. Langlois.....	130 Inglewood Drive
Miss W. Langmuir.....	288 Bloor St. West
Mrs. F. H. Leach.....	4 South Drive
Mrs. A. Leak.....	45 Douglas Drive
Miss Lear.....	80 Oriole Road
Miss Jessie Lees.....	Erindale, Ont.
Miss Lefroy.....	162 Warren Road
Mr. E. B. Lefroy.....	162 Warren Road
Mrs. J. E. Legg.....	24 Bracondale Hill Rd.
Hon. Justice H. Lennox.....	202 Heath St. West
Mr. Thos. Lewis.....	38 Bird Ave.
Mrs. S. Lillie.....	846 Palmerston Ave.
Mr. S. Lillie.....	846 Palmerston Ave.
Mr. H. W. Little.....	455 Roehampton, Ave.
Mrs. J. D. Livingston.....	Forest, Ont.
Mr. J. D. Livingston.....	Forest, Ont.
Dr. George D. Lockhart.....	King, Ont.
Mr. John Logan.....	49 Hogarth Ave.
Mrs. W. H. Logie.....	174 Warren Road
Mrs. H. H. Love.....	780 Davenport Rd.
Mrs. R. A. Lucas.....	"Rowanhurst, Hamilton, Ont.
Mr. M. H. Ludwig, K.C.....	320 Russell Hill Road
Mrs. A. MacLean Macdonell.....	35 Prince Arthur Ave.
Mr. A. MacLean Macdonell.....	35 Prince Arthur Ave.
Mrs. Angus Macdonald.....	72 Spadina Road
Miss Frances Macdonald.....	12 Bedford Road
Mrs. W. Campbell Macdonald.....	127 St. George St.
Mrs. Stuart MacFarlane.....	71 Lyndhurst Ave.
Mrs. Herbert Macklem.....	112 Bedford Road
Mr. Donald MacLean.....	51 Leuty Ave.
Dr. J. J. R. Macleod.....	45 Nanton Ave.
Mrs. Angus MacMurchy.....	67 Chestnut Park Road
Miss Bessie MacMurchy.....	122 South Drive
Mr. Albert Maas.....	87 Walmer Road
Mr. W. T. Macoun.....	Dept. of Agriculture, Ottawa
Mr. John Manson.....	51 Charlotte St., St. John, N.B.
Mr. Thomas Manton.....	Blythwood Road
Manton & Son.....	Blythwood Road
Mr. John A. Mara.....	1 McMaster Ave.
Mrs. S. E. Marks.....	135 College St.
Mr. Noel Marshall.....	623 Sherbourne St.
Mr. E. Marshall.....	157 MacPherson Ave.
Mrs. W. H. E. Massey.....	Dentonia Park
Mrs. E. Maw.....	87 Galley Ave.
Mr. Albert Many.....	Box 658, Welland, Ont.

Miss Irene McAfie.....	230 Lauder Ave.
Mrs. F. G. McBrien.....	1447 King St. West
Mrs. E. R. McCabe.....	Box 14, Napanee, Ont.
Mr. E. G. McCallum.....	Grimsby, Ont.
Mr. J. D. McCallum.....	Almonte, Ont.
Mrs. Peter McCallum.....	Almonte, Ont.
Mrs. D. L. McCarthy.....	3 Elm Ave.
Mrs. R. Watson McClain.....	29 Dunbar Road
Mr. R. Watson McClain.....	29 Dunbar Road
Mrs. John McClung.....	233 Poplar Plains Road
Mr. A. W. McConnell.....	203 Hallam St.
Mr. S. M. McConochie.....	Box 362, Aurora, Ont.
Miss McCracken.....	87 Galley Ave.
Mr. H. B. McCready.....	430 Brunswick Ave.
Mrs. James McDonald.....	King, Ont.
Mrs. T. N. McGill.....	Mimico Beach, Ont.
Mr. Archibald McGregor.....	131 Highfield Ave.
L. E. McGugan.....	182 Sydenham St., London
Mrs. McIlwraith.....	30 Prince Arthur Ave.
Mrs. J. A. McKee.....	53 Walmer Road
Col. L. V. McLaughlin.....	Tyrone, Ont.
Mrs. M. M. McLaughlin.....	77 Forest Hill Road
Mr. R. S. McLaughlin.....	Box 247, Oshawa, Ont.
Mrs. S. B. McMichael.....	93 Roxboro St. West
Mr. L. S. McMurray.....	10 Chestnut Park Road
Mr. Leonard McMurray.....	62 Maple Ave.
Mr. Wm. McNaughton.....	294 Grosvenor St., London
Mr. R. J. McNeil.....	Kingston Ont.
Mrs. F. W. Meek.....	Lakeville, Ont.
Mr. H. W. Mickle.....	28 Rosedale Road
Mr. F. H. Middleton.....	137 Bedford Rd.
Mrs. E. T. Miles.....	432 Avenue Road
Mr. J. E. Miller.....	386 Westmorland Ave.
Mrs. T. W. Miller.....	604 Avenue Rd.
Miss Mitchell.....	140 Walmer Road
Mrs. C. Mitchell.....	140 Walmer Road
Dr. J. P. Mitchell.....	320 Bloor St.
Mrs. P. H. Mitchell.....	Bank of Hamilton Bldg.
Mr. P. H. Mitchell.....	Bank of Hamilton Bldg.
Mr. H. J. Moore.....	Islington, Ont.
Mr. S. A. Monk.....	7 Walter St., East Toronto
Mrs. M. Morell.....	100 Dowling Ave.
Mr. S. F. Morey.....	377 Walmer Hill Rd.
Mr. J. C. Morgan.....	I.O.F., Temple Bldg.
Mrs. W. K. Morphy.....	236 Dunn Ave.
Mr. J. A. Morreau.....	Box 1044, Cornwall, Ont.
Mrs. Arthur Morrice.....	Port Credit
Mr. Geo. C. Morrison.....	323 St. Clair East
Mrs. G. A. Morrow.....	104 Dunvegan Rd.
Mr. Edward Morton.....	11 Norwood Road
Miss Sylvia Morton.....	11 Norwood Road



Mrs. John Moss.....	105 Admiral Road
Mrs. W. Moss.....	475 Shaw St.
Mr. J. S. M. Muir.....	27 Albany Ave.
Mrs. E. S. Munroe.....	Port Credit, Ont.
Mrs. Thos. Mounce.....	2 Playter Cres.
Mr. F. A. Mulholland.....	132 Blythwood Rd.
Mrs. G. G. Nasmith.....	41 Oriole Road
Mr. Wm. Neal.....	309 Highview Ave., Birch Cliff, Ont.
Mrs. E. James Newton.....	659 Ossington Ave.
Mrs. R. W. New.....	Oakville, Ont.
Miss Jessie M. Niven.....	39 Yorkville Ave.
Mr. Joseph Noel.....	41 Lakeview Ave.
Mrs. Reginald Northcote.....	93 Elm Ave.
Mr. Harry A. Norton.....	Edgewater Farm, Ayers Cliff, Que.
Mr. C. D. Oakley.....	41 Woodycrest Ave.
Miss Kathleen O'Brien.....	383 Sherbourne St.
Mr. J. R. Oldaker.....	26 Duke St., Stratford, Ont.
Mrs. A. B. Ormsby.....	"Ormscliffe, Mimico Beach, Ont.
Dr. Dorothea Orr.....	577 Dovercourt Road
Mr. Reese Padfield.....	Mt. Forest, Ont.
Mr. Wm. Palmer.....	Box 82, Magrath, Alta.
Mrs. A. B. Parker.....	102 Glendale Ave.
Mrs. A. E. Parker.....	264 Parks St. S., Hamilton, Ont.
Mr. A. H. Park.....	219 Howard Pk. Ave.
Mr. A. B. Patterson.....	11 Bedford Road
Mr. W. C. Payne.....	483 Carlaw Ave.
Mr. H. M. Peacock.....	68 Glencairne Ave.
Mrs. Wm. Pears.....	Box 188, West Toronto
Mr. J. M. Pearen.....	14 William, Weston, Ont.
Mrs. E. R. Peacock.....	71 Crescent Road
Miss M. E. Pearen.....	624 Manning Ave.
Dr. Chas. E. Pearson.....	2 Bloor St. East
Mr. E. H. Perkins.....	113 Rumsey Rd., Leaside, Ont.
Dr. W. H. Pepler.....	600 Spadina Ave.
Mrs. E. Phillips.....	4 Grange Road
Mr. Wm. Pickering.....	Mt. Forest, Ont.
Mrs. S. B. Playfair.....	41 Rosedale Road
Mr. S. B. Playfair.....	38 King St. W.
Mr. Octave Polis.....	305 Shaw St.
Miss J. Preston.....	Experimental Farm, Ottawa, Ont.
Mr. Wm. Preston.....	48 Shrewsbury St., Stratford, Ont.
Mr. W. H. Price.....	7 Indian Grove
Mr. W. A. Prince.....	39 Hiawatha Ave.
Mrs. F. Pullen.....	Box 63, Oakville, Ont.
Mrs. Rathburn.....	"Greenbank, Deseronto, Ont.
Mr. D. Raymond.....	Queen s Hotel, Montreal, Que.
Mrs. W. B. Raymond.....	La Plaza, Charles St., Apt. 12
Mr. W. B. Raymond.....	La Plaze, Charles St., Apt. 12
Mrs. A. E. Rae.....	93 Spadina Ave.
Mrs. Campbell Reaves.....	165 St. George St.
Mr. C. Rehder.....	Bowmanville, Ont.

Mr. Thos. Rennie.....	10 N. Sherbourne St.
Mr. Geo. Richards.....	42 Carleton St.
Dr. F. S. Riches.....	453 Dovercourt Rd.
Mr. T. J. Rigney.....	169 King St., Kingston, Ont.
Mrs. H. Ritchie.....	10 McCaul St.
Mrs. J. Ross Ritchie.....	91 Jamieson Ave.
Miss Eileen Robinson.....	British Embassy, Washington, D.C.
Miss Marion Robertson.....	Walkerton, Ont.
Mr. R. J. Robertson.....	90 St. Albans St.
Mr. Alfred Robinson.....	319 Sunnyside Ave.
Mr. W. B. Robinson.....	423 Shaw St.
Madam Rochereau de la Sablier.....	301 Jarvis St.
Mr. A. H. Rodgers.....	330 Russell Hill Road
Mr. R. W. Roelofson.....	57 Lincoln Ave., Galt, Ont.
Mr. H. M. Rolph.....	Markham, Ont.
Mrs. H. E. Rooney.....	545 Broadview Ave.
Mr. H. E. Rooney.....	545 Broadview Ave.
Mr. Lyman Root.....	Dundas St., Oakville, Ont.
Hon. Justice Rose.....	86 Roxboro East
Mrs. W. D. Ross.....	112 St. George St.
Mrs. F. S. Rous.....	227 Cottingham St.
Mr. T. A. Rowan.....	4441 Avenue Rd.
Mr. A. J. Rugg.....	25 Bowden Ave.
Mr. Geo. E. Ryerson.....	Asylum for Blind, Brantford, Ont.
Mrs. C. E. Ryott.....	178 Carlaw Ave.
Mrs. Harry Ryrie.....	1 Highlands Ave.
Mr. Harry S. Ryrie.....	Oakville, Ont.
Mr. C. F. Saunders.....	Burford, Ont.
Mr. H. B. Scandrett.....	64 Bernard Ave.
Miss H. Schell.....	147 Brant Ave., Brantford, Ont.
Mrs. Herbert Schell.....	Simcoe St., Oshawa, Ont.
Mr. G. A. Scott.....	67 Balmoral Ave.
Mrs. James Scott.....	4 Dale Ave.
Mr. J. G. Scott.....	29 Dunvegan Road
Miss M. J. Scott.....	161 Hughson St. S., Hamilton, Ont.
Mrs. Fane Sewell.....	20 Prince Arthur Ave.
Mr. Fane Sewell.....	20 Prince Arthur Ave.
Miss B. Sharman.....	67 Queen s Park
Mrs. Wm. E. Sharp.....	75 Jamieson Ave.
Mr. John Sharp.....	40 Sorauren Ave.
Mr. J. E. Sharp.....	259 Beatrice St.
Mr. H. A. Shaw.....	117 Glengrove Ave.
Mrs. John Ross Shaw.....	"Rosemore, Woodstock, Ont.
Mr. H. Shuttleworth.....	136 St. Clarens Ave.
Miss Sibley.....	Mt. Forest, Ont.
Mr. C. A. Simmons.....	182 Dowling Ave.
Mr. V. A. Sinclair.....	Tilsonburg, Ont.
Mrs. Sidney Small.....	70 Walmer Road
Mr. L. R. Smith.....	36 Roxboro West
Mrs. J. F. Smith.....	10 May St.
Mrs. Robt. Smith.....	399 Brunswick Ave.
Mrs. W. Earl Smith.....	Humewood Apts., Humewood Ave.

Mrs. F. S. Smith	77 Bellevue Pl.
Rev. J. M. Smith	Box 136, Port Rowan, Ont.
Mr. H. B. Somerville	36 Macdonald Ave.
Mr. R. W. Somerville	11a Delaware Ave.
Mrs. F. M. Southam	62 Laing St.
Mr. E. Southwell	414 Willard Ave.
Mr. J. F. Sowards	172 Montreal St., Kingston
Mr. J. B. Spencer	154 Carling Ave., Ottawa, Ont.
Mr. H. B. Spotton	36 Aberdeen Road, Galt, Ont.
Mrs. Edward Spragge	7 Prince Arthur Ave.
Mr. C. B. Sproatt	8 Prince Arthur Ave.
Mr. A. F. Sprott	167 Glen Road
Mr. Owen Staples	69 Hogarth Ave.
Mrs. Clarence Starr	224 Bloor St. West
Mrs. F. N. G. Starr	112 Warren Road
Miss Annie Staunton	93 Roxboro Drive
Mrs. D. S. Stayner	210 Heath St. West
Mrs. Mary Stevens	70 Ivy Ave.
Miss Jean Stewart	586 Huron St.
Mr. E. H. Stirling	125 Delaware Ave.
Mr. Ernest M. Stokes	46 Wineva Ave.
Mrs. H. S. Strathy	8 Earl St.
Mrs. Stuart Strathy	54 Clarendon Ave.
Mrs. H. M. Strudley	186 Mornington Rd., Stratford, Ont.
Mr. H. M. Strudley	186 Mornington Rd., Stratford, Ont.
Mr. D. B. Strudley	186 Mornington Rd., Stratford, Ont.
Miss E. Strudley	186 Mornington Rd., Stratford, Ont.
Miss Annie Stubbs	72 Duris St.
Mrs. Chas. Summerfield	47 Humewood Ave.
Miss B. Summerville	99 Tyndall Ave.
Mr. B. J. Sutherland	29 Dearborn Av.
Mr. Arthur H. Sydere	Parliament Bldgs.
Mr. W. A. Tanner	428 St. George St., London, Ont.
Mr. James R. Tate	798 Ossington Ave.
Mr. H. E. Taylor	78 Albany Ave.
Mrs. J. E. Teeson	Thornhill, Ont.
Mrs. P. Temple	438 Gladstone Ave.
Mr. A. C. Thompson	87 Delaware Ave.
Mr. D. E. Thomson	57 Queen s Park
Mr. R. B. Thompson	11 Queen s Park
Mrs. W. G. Thurston	30 N. Sherbourne St.
Mr. H. A. Tolchard	1020 Ossington Ave.
Mr. A. H. Tomlinson	O. A. College, Guelph, Ont.
Dr. C. E. Treble	229 Russell Hill Road
Mr. E. H. Trevelyn	143 Tyrell Ave.
Dr. Cecil Trotter	North Forest Hill Road
Mrs. W. Cecil Trotter	North Forest Hill Road
Mrs. C. A. Tubby	91 Walmer Rd.
Mr. E. A. Turner	318 Ballantyne Ave., Montreal
Mrs. J. B. Tyrrell	14 Walmer Road
Mrs. Daniel Urquhart	296 Russell Hill Road
Mrs. Dorney Valteau	1041 S. Limestone Ave., Lexington, Ky.

Mr. W. T. Vance.....	3 Weatherell Ave.
Mrs. George Vaughan.....	869a Bathurst St.
Mrs. Harry Varley.....	R.F.D. 5, Belleville, Ont.
Mr. C. R. Vanstone.....	323 Indian Road
Mr. F. G. Venables.....	129 Balmoral Ave.
Mr. W. R. Wadsworth.....	9 Castle Frank Road
Mr. G. T. Waggett.....	1095 Yonge St.
Mr. G. C. Wainwright.....	477 Brunswick Ave.
Mrs. R. S. Waldie.....	1 Cluny Ave.
Miss Marion Waldie.....	1 Cluny Ave.
Mrs. Fred Walker.....	Norwich, Ont.
Mrs. Norman Walker.....	92 Walmer Road
Miss J. A. Wallbridge.....	480 Brunswick Ave.
Mr. J. S. Wallace.....	12 Wellington St. East
Mrs. M. W. Wallace.....	91 Walmer Rd.
Mr. W. A. Wallace.....	Willowdale, Ont.
Mr. J. W. B. Walsh.....	88 Lowther Ave.
Mrs. T. P. Walton.....	19 Moore Ave.
Mr. Geo. W. Warren.....	535 Bloor St. W.
Mrs. C. E. Warwick.....	5 Summerhill Gardens
Miss M. Washburn.....	Smith Falls, Ont.
Miss Bessie Waters.....	507 Roxton Road
Miss Maria J. Watson.....	234 St. George St.
Mrs. E. H. Watt.....	83 Inglewood Drive
Mr. C. J. Watt.....	68 Lorne Crescent, Brantford, Ont.
Mrs. J. Wayling.....	88 Beresford, Ave
Mr. L. E. Weaver.....	Hespeler, Ont.
Mr. S. C. Webster.....	243 Havelock St.
Mr. F. W. Weganest.....	901 Bank of Hamilton Bldg.
Mr. J. Western.....	12 Lynwood Ave.
Mrs. J. H. White.....	75 Browning Ave.
Mr. W. J. White.....	16 William St., Kingston
Mrs. B. H. Willing.....	179 Gillard Ave.
Mr. H. L. Willmot.....	50 Farnham Ave.
Mr. Mackenzie Williams.....	39 Heath St. East
Mrs. Geo. Wilson.....	260 Russell Hill Road
Mr. Geo. Wilson.....	260 Russell Hill Road
Mr. M. J. Wilson.....	191 Spadina Road
Mr. P. Wilson.....	283 Evelyn Crescent
Mrs. Turner Wilson.....	7 Rowanwood Ave.
Mr. Henry Winnett.....	205 Warren Road
Mr. E. R. Wood.....	89 Queen's Park
Mr. A. W. Woodley.....	Ridgeway, Ont.
Mrs. A. A. Wright.....	103 Warren Road
Mr. H. Wright.....	31 Woodbine Beach
Mr. Henry Wright.....	467 Sherbourne St.
Prof. G. M. Wrong.....	73 Walmer Road
Miss Yates.....	Port Credit
Mrs. W. A. Young.....	145 College St.
Mr. W. H. Young.....	592 Chamberlain St., Peterboro, Ont.
Mr. W. P. Zick.....	192 Mornington Rd., Stratford, Ont.



### **The Constitution**

I. The members of the Society hereby constitute themselves The Rose Society of Ontario, the seat of which shall be at Toronto, where the Records and Library shall be kept.

II. The purposes of the Society are to study, cultivate and exhibit Roses, award prizes for cultivation, exhibition of and essays upon Roses and Rose Culture. To acquire a Library on Rose Culture, and generally to further and encourage the cultivation and study of Roses.

III. The Society shall consist of its Members and such additional persons as shall from time to time be recommended for admission to membership by the Committee, on payment of the fees prescribed by the rulse.

IV. The members of the Society shall elect by Ballot from amongst themselves a committee, to consist of twenty members, of whom six shall form an Advisory Board, and such Committee shall make rules, and perform all executive and administrative duties; and six shall form a quorum. The Committee shall elect a President and four Vice-Presidents, who shall hold office for one year, and shall be eligible for re-election.

V. The Committee shall hold office for one year from the date of their election, and until their successors shall be elected, and all members thereof shall be eligible for re-election.

VI. The Committee shall appoint a Secretary and a Treasurer, both of which offices may be held by one person, who shall hold office during the pleasure of the Committee, and shall perform such duties as the Committee may direct.

VII. Any member of the Committee, who shall be successively absent from three duly called meetings thereof, without the consent of the Committee, shall thereupon cease to be a Member of the Committee, who may then proceed to fill the vacancy as hereinafter provided.

VIII. If any vacancy occurs in the Committee, by the death, resignation or inability to act, of any of the members thereof, the other members of the Committee may appoint another to fill his or her place, to hold office on the same terms as the other members of the Committee.

IX. The members of the Society in any city or town or other districts of Ontario to be defined by the Committee, may, with the approval of the Committee, appoint a sub-committee, for such city or town or other district, and may elect a presiding officer thereof, to be called the (name of the city, town or district) Vice-President, and subject to the approval of the Committee for the management of such local affairs of the Society, not inconsistent with the Constitution and Rules, as may be necessary, and members so acting may adopt the name of the Rose Society of Ontario (name or city, town or district) Branch.

X. Exhibitions shall be held in Toronto, at times to appointed by the Committee, at which prizes may be given.

XI. All competitions for prizes shall be divided in the following classes:

Class 1.—Professional.—Comprising all such persons or corporations as carry on the trade of growing and selling flowers.

Class 2.—Semi-Professional.—Comprising all persons who do not grow flowers for profit, but keep gardeners, not otherwise employed.

Class 3.—Semi-Amateur.—Comprising all persons who do not grow flowers for profit, but have the occasional assistance of gardeners in the cultivation of Roses, not solely employed by themselves.

Class 4.—Amateur.—Comprising all those persons who do not grow flowers for profit, and who cultivate Roses without the assistance of any gardeners.

XII. The Constitution may be changed in any respect, by a two-thirds vote of the members present at any annual meeting of the Society.

XIII. A general meeting of the members of the Society shall be held at such place in the City of Toronto as the Committee shall appoint, in the month of December in each year, on such day as the Committee shall appoint, for the purpose of receiving a report from the Committee of all matters of interest and business during the preceding year, and for all other general purposes relating to the management of the Society, and at such meeting, a full statement of the

finance of the Society shall be submitted to the meeting by the Committee for the year. Notice of such annual meeting shall be mailed to each member of the Society not later than ten days before such a meeting shall be held.

## The Rules

For the benefit of those wishing to join the Society, we here print the rules. Membership in the Society gives opportunity of obtaining personal assistance in Rose growing by sending a letter, with questions clearly stated and a stamped envelope enclosed, to the Hon.-Secretary, Mr. W. H. Lyon, 156 Yonge Street also of visiting the exhibitions and of receiving a copy of the Annual.

### RULES OF THE ROSE SOCIETY OF ONTARIO

1. The subscription to the Rose Society of Ontario shall be one dollar per annum for ordinary members, and five dollars for sustaining members, payable in advance on the date of the annual meeting, and not later than the first day of January of each year.

2. A newly elected member, on being notified of his or her election, shall forthwith pay his subscription for the year.

3. If a member is elected after September in any year and before the following January, his or her subscription shall be taken as for the following year.

4. Any member may, upon payment of fifteen dollars, (\$15.00,) be declared a life member.

5. The Committee may form such Sub-Committees as may be necessary for the transaction of business.

6. Lectures and instructions upon Roses and their culture shall be given under the auspices of the Society, at such times and places as the Committee may determine, but such lectures and instructions shall not disqualify any member attending them from exhibiting in Class 4, according to the Constitution.

7. The Committee shall have power to appoint such persons, not necessarily members of the Society, as may be necessary for arranging for the Exhibition.



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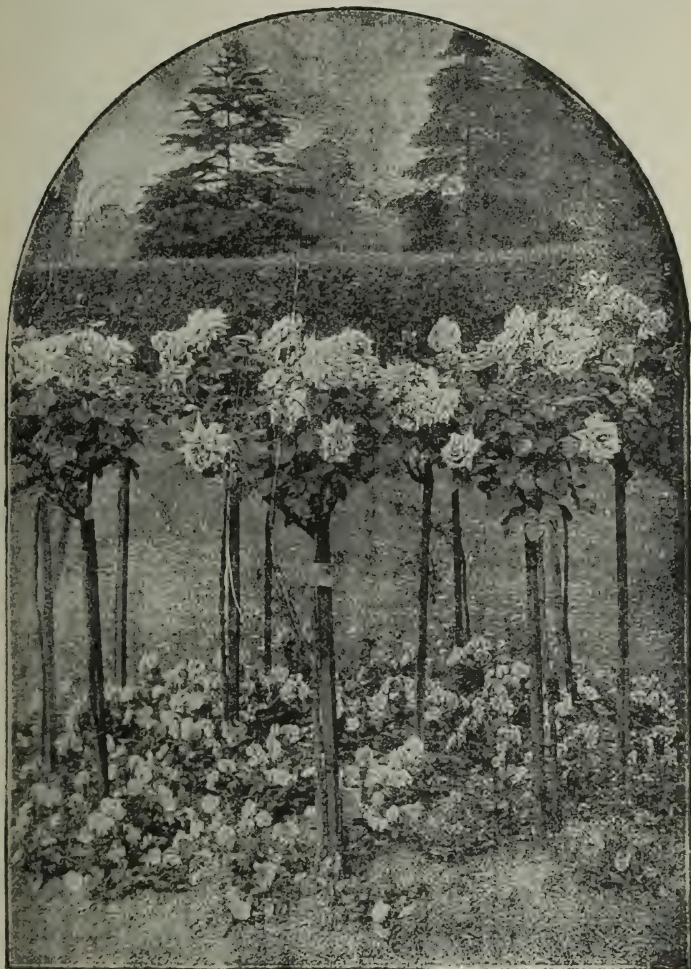
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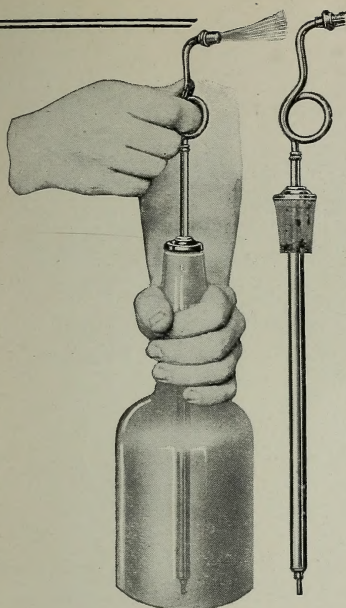
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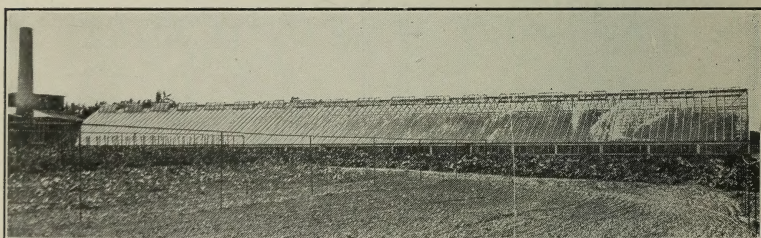
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